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THESE PRICES IN EFFECT JUNE 1, 1909—DESTROY ALL OLD LISTS.

## Mail Order Price List for Fall, 1909, and Spring, 1910, of

# Stark Bro's Nurseries & Orchards Company

CAPITAL STOCK, \$1,000,000.00—PAID UP

*General Offices:* Louisiana, Missouri, U. S. A.

BRANCH NURSERIES; Portland, N. Y., Dansville, N. Y., Starkdale, Mo., Fayetteville, Ark., Perry, Ohio, Rockport, Ill., Marionville, Mo., Huntsville, Ala., Rolla, Mo., Twin Falls, Idaho (Snake River Valley Nursery), Hamilton, Mont. (Bitter Root Valley Nursery), Wenatchee, Wash. (Columbia River Valley Nursery).

Main Packing Houses and Shipping Stations at Louisiana, Mo., on Chicago & Alton and Chicago, Burlington & Quincy R'ys.

### STARK TWELVE CHALLENGE POINTS

We pay freight on everything as priced herein, to any R. R. Station in United States and to the U. S. line on shipments to foreign countries on orders of \$10.00 or over—all cash before shipment.

We also pay freight on orders amounting to \$10.00 or more where one-fourth or more cash is remitted with order, balance to be paid on arrival. However, when cash to the full amount of order is remitted before shipment is made we allow a discount of 5% and cash premium (see list enclosed). This liberal discount and premium is made to save time and the opening of accounts during the rush season.

We Box and Pack Free—bear cost of boxes, bales, moss, fibre, etc Expensive, but good packing pays—pays customer, pays us.

Paper line all boxes at all seasons—another costly item, but it is a safeguard against both drying out and freezing.

Replace any trees which may fail to live at one-half the current "Each" price, provided trees have been properly planted and cared for.

Give wholesale prices, and ship direct. Ours are the lowest priced Nurseries on Earth for Sterling Quality trees of best varieties. Sent world wide during more than 84 years.

Give 30 trees of one variety at the 100 rate; 300 of a kind (as 300 Apple or 300 Plum, etc., not less than 10 of a variety) at the 1000 rate; over 10 and less than 30 at 10 rate. Less than 10 always at each rate. Please note where no 1000 rate is quoted that 100 rate governs.

Give buyer his choice of sorts. If requested we make selections, using our best mind and experience in his interest.

Guarantee Safe Arrival—orders lost or spoiled in transit we refill free. Guarantee trees true to name, and use utmost care to avoid mistakes, but should any prove untrue to label we will, upon proper proof, replace the trees free; but are liable no further. Our just and liberal dealing during 84 years is our chief guarantee to customers.

We attach Entomologist's certificates to all shipments. Our Nurseries have been annually inspected and found free from San Jose scale and other injurious insects and diseases.

Guarantee trees of highest quality—you can't get better anywhere at any price. Stark Trees are grown to last and bear the best fruits known. Young, healthy, thrifty 1 or 2-yr stock, even if a small size, is very different from small, old, rough, stunted trees culled from 4 and 5-year blocks. Remember these guarantees are worth something—backed by a record of 84 successful years in business.

Write for SPECIAL PRICES on large lots, buyer to pay freight and packing. CLAIMS FOR ERRORS, etc., please send within 6 days after receipt of stock.

We uniformly tie trees in bundles of 10; Grape Vines and Small Fruits in bundles of 25; and as unbroken bundles are handled at less expense we can thereby offer these unusual concessions.

EXAMPLE: In an order for 320 Apple—100 Black Ben XX, 2-yr., 80 Delicious 3 to 5 ft., 1-yr., 120 Jonathan XX, 2-yr., and 20 assorted (1, 2, 4, 7, etc., of a sort), latter 20 will go at Each rate, the 300 at 1000 rate.

Different kinds, as 150 Apple and 150 Plum, cannot be taken together to make up 300 so as to obtain 1000 rate.

Three sizes of 2-yr. fruit trees are made in our packing cellars; XXX is the size sure to please. XX size excels "1st-class" of some nurseries. Each size is first-class of that size; no second class, defective or cull trees go in any size, but to the brush pile.

Our 1-yr. trees are graded into two sizes—3 to 5 ft. and 2 to 3 ft. Each size full and strong; our 2 to 3 ft. size equals the largest 1-yr. of many nurseries.

Planting season is not regulated by latitude or locality, but by condition of trees to be planted. We annually ship to the southern states long after the vegetation there is in full growth; our cooler spring keeps the stock in dormant planting condition. We ship continuously and with perfect success from October 'till May. We are supplying planters everywhere.

INFRINGEMENTS WARNED: Gold, Black Ben, Delicious and others of our Trade-Mark Fruits have been re-registered in the U. S. Patent office under the new Trade-Mark law of February 20, 1905. These names are the exclusive Trade-Marks of Stark Bro's N. & O. Co., and there is and can be, legally, no commercial use of same only by us.

The Fruit-Grower, St. Joseph, Mo.



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### CONCERNING WESTERN CHERRY TREES.

Something is wrong here in California, our cherry orchards are dying out, tops and single limbs, then may be the whole tree goes with no apparent cause. Most of the trees are on Mazzard root; orchards on Mahaleb are doing well, coming into bearing young and bearing regularly. All the time I was in the nursery business we thought cherries planted commercially here had to be on Mazzard root.—Robt. Porter, Santa Clara Co., Calif.

We forwarded this letter to Prof. Edward J. Wickson, of the University of California, one of the greatest authorities on California fruit growing, author of "California Fruits" and other horticultural works. Prof. Wickson replied as follows: "Cherry on Mahaleb is hardier than Mazzard and less liable to root injury, either by standing water or excessive summer drouths, both conditions causing gumming, dying back, etc."

We found this to be true in our own experience, and years ago discontinued the propagation of cherry on Mazzard stocks, using Mahaleb exclusively. They make a much better, healthier, longer lived orchard tree. Montana orchardists have suffered from the same cause, therefore they should plant cherry grown on Mahaleb which is hardier.

## What Stark Customers Think

**No Scale Here.**—I have trees from four nurseries and find scale in all except my Stark trees. They are the best.—Geo. W. Ballard, Johnson Co., Ill.

**Never Saw Trees Do Better.**—I have an orchard of 100 Stark trees, which were planted 4 years ago this fall. I never saw young trees do better.—Homer Wineinger, Greene Co., Ind.

**A Model Orchard.**—Our inspector says my 16 acre orchard of Stark trees is the finest he has inspected. It is known as the model orchard of this county.—O. A. Laymon, Rockingham Co., Va.

**Finer Than Others.**—Trees were received in good condition and I am highly pleased with everything. In the future you will receive all my orders, as your trees are so much finer than any trees ever received from any other nursery.—Mrs. F. M. Andrews, Chaves Co., N. M.

**Can't Be Excelled.**—Trees arrived in fine order, nicely packed; never saw such roots, and bodies are of such fine appearance—they can't be excelled.—L. J. Myers, Moultrie Co., Ill.

**Well Rooted.**—Your trees were as nice one-year-old trees as I ever saw—nice size and well rooted.—Dixie Fruit Farm, Wythe Co., Va.

**Stark Trees Best.**—Trees received in fine condition and I am much pleased with them. I intend to show the people here that trees from your nursery are best.—M. L. Moody, Habersham Co., Ga.

**Plant for Future Generations.**—Have just returned from an enjoyable visit to Mr. Wm. Cutter at Palisade. He is 84 years of age and still planting orchards. Regarding the Delicious he said: "You can make no mistake in planting Delicious. It is far superior to any apple I have ever tasted; hardy and a good keeper; a man with a Delicious orchard can control his own market price.—L. R. Pratt, Garfield Co., Colo.

**From California.**—Trees came through in fine shape. Thank you for the fine quality trees, also for good measure.—T. Phillips, Los Angeles Co., Calif.

**No Apple Like Delicious.**—The firm here in New York City from which I have been buying Delicious can no longer furnish them. Where can I secure them? No apple like Delicious; I feel that we cannot do without them.—Wm. R. Noe, Importer, New York City.

**Satisfied Customers.**—Friends here who ordered their trees from you are very much pleased with them.—C. R. Templeton, Multnomah Co., Oregon.

**The Old Reliable.**—In years past we ordered many trees of you and they were always satisfactory. Have just bought a new home here, and will send to the old reliable for what trees I need.—Mrs. J. T. Wallace, Johnson Co., Mo.

**Delicious in Massachusetts.**—I have Delicious trees in my orchard from you; I never saw such an apple, it is beyond description and the trees are perfection in growth.—N. E. Gowell, Middlesex Co., Mass.

**Everything Just as Represented.**—Trees received and everything just as represented. They are the finest I ever saw from any nursery. My Montmorency Monarch cherries could hardly have been more symmetrical had they been made by hand.—Pratt B. Brown, Cedar Co., Mo.

**Prompt, Courteous and Reliable.**—Trees received yesterday. It is a great pleasure to have business dealings with a firm as prompt, courteous, reliable and obliging as is yours.—Lillian Hutton, Jackson Co., Mo.

**Whole Root Trees.**—Trees arrived and are very satisfactory. They are certainly fine trees and they have such a splendid root system. Am sure they will all live. You may count on hearing from me again.—Jas. Old, Oakland Co., Mich.

**Loud in Their Praise.**—I want to thank you from the bottom of my heart for the trees just received, they are the finest lot I have ever seen. Two members of our horticultural committee examined them and were loud in their praise.—Chas. Grossholz, Napa Co., Calif.

**Clean, Healthy Stock.**—Stock received, have never seen a nicer, cleaner lot of trees and vines than this lot.—W. H. Burkett, Kalamazoo Co., Mich.

**Order Early.**—Don't wait until the season is old. It is to your advantage to have the trees you need reserved for you early in the season.

**Your Experience.**—We will be glad to have your views concerning varieties in your orchard; tell us which are the best with you, also the ones which do not succeed—you will confer a favor by writing us—a favor not only to us, but let your experience be a guide to others.





Lower row, Stark Whole Root Grafts, the basis of every Stark tree. Upper row, piece root grafts, the basis of the majority of trees grown by other nurserymen. The foundation is everything; some build on the rock, others build on the sand. Now, Mr. Planter, look closely at this picture; which do you think is the best foundation for your orchard?

**Scions for Budding and Grafting.**—These are not listed. Our own business requires all that we produce. We have large orchards of dependable varieties, our select strains, from which our scions are cut. We will furnish 10 scions of any variety at the price quoted on a XXX tree of the variety. Our scions are vastly different from those often offered, cut indiscriminately, and which result in so many unprofitable and unsatisfactory orchards. Trade-Mark sorts furnished only for experimental work.

**Volunteer Experimental Work.**—To responsible orchard planters we will furnish, complimentary for testing, scions for top-grafting, from trees of our most valuable and rare kinds. We have many promising apples we desire to have tested in orchards throughout the country, and to the careful man who will report to us the behavior of these varieties, we will be glad to send; further we will buy choice specimens of fruit from these top grafts, paying him a liberal price. Grafts usually bear the second year. Up-to-date orchardists think nothing of grafting over an unprofitable or undesirable variety, changing the tops to suit the markets as a business proposition. In Colorado, Ben Davis, Missouri Pippin and Gano are being grafted over to Rome Reauty, and some Ben Davis orchards grafted over to Delicious and King David have created a sensation. Thus it is that we are enabled to get quick returns from the newer varieties, proving their value and adaptability.

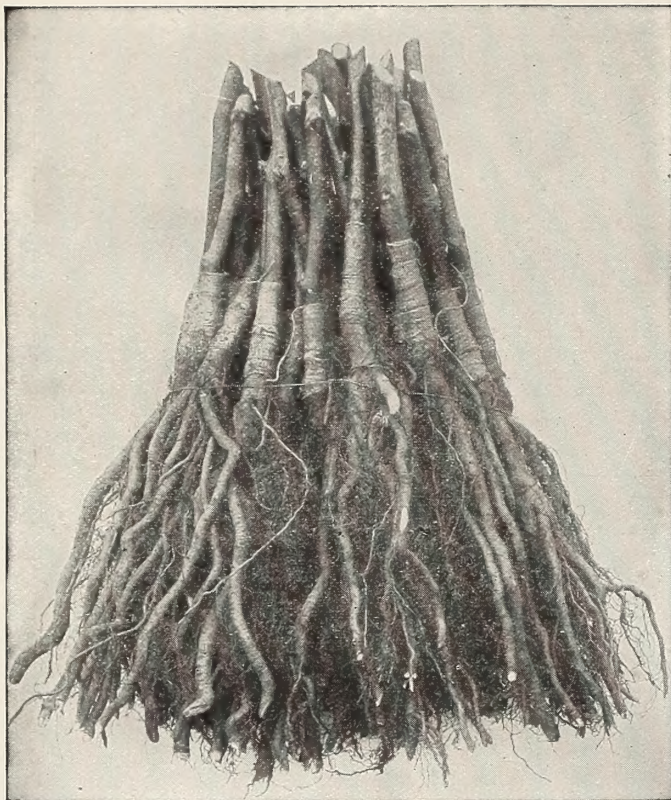
We are advised that unscrupulous parties are cutting scions from all sorts of Ben Davis trees in Arkansas and selling them as Black Ben. Eminent Pomologists familiar with this underhand work have called our attention to the importance of keeping Black Ben stock pure. To our positive knowledge thousands of Gano, Red Ben Davis, and even old Ben Davis scions have been sent out for Black Ben. We are always glad to add rare sorts complimentary

for trial as best results are generally received from volunteers. For the benefit of the amateur, we print recipe for making grafting wax: resin (best white preferred) 4 pounds, beeswax 2 pounds, tallow 1 pound: Melt together and pour into a pail of cool water, then grease the hands and pull the wax until it is nearly white. Paraffine (Standard Oil Co's.) is frequently used instead of beeswax, but it is not quite as good. We advise parties not thoroughly familiar with grafting to secure some good book on the subject. The Nursery Book by Prof. Bailey, price \$1.50; or a small pamphlet recently issued by Prof. W. L. Howard, of the Mo. State University, price 25¢, covers the ground thoroughly. We can furnish you these books if you want them.

**Grafting and Budding Seedlings.**—We grow largely in our own nurseries and have growing for us in nurseries of France the best stocks that can be produced. These are not listed as we do not care to offer in competition with cheap and inferior stocks, which at best are a very poor foundation for future orchards.

**Root Grafts.**—We do not offer these for the same reason. We graft annually for our own planting five million and more. For the kind of grafts we plant note the illustration on next page. This photograph tells its own story. We use the best stocks that nursery skill can produce, dependable scions from select strains and skilled workmen whose workmanship is the best known; our workmen graft by the day and not by the thousand, but seeing is believing. Note illustration showing the seedling, the graft and the product, an extra select Stark 1-yr. Delicious tree. There are nurserymen who, after selling the better grafts and seedlings, manufacture the unmerchable refuse into root grafts and actually offer them as whole root grafts at a price less than first-class seedlings are worth. Reputable nurserymen





A bundle of Whole Root Grafts. This is the Stark way.

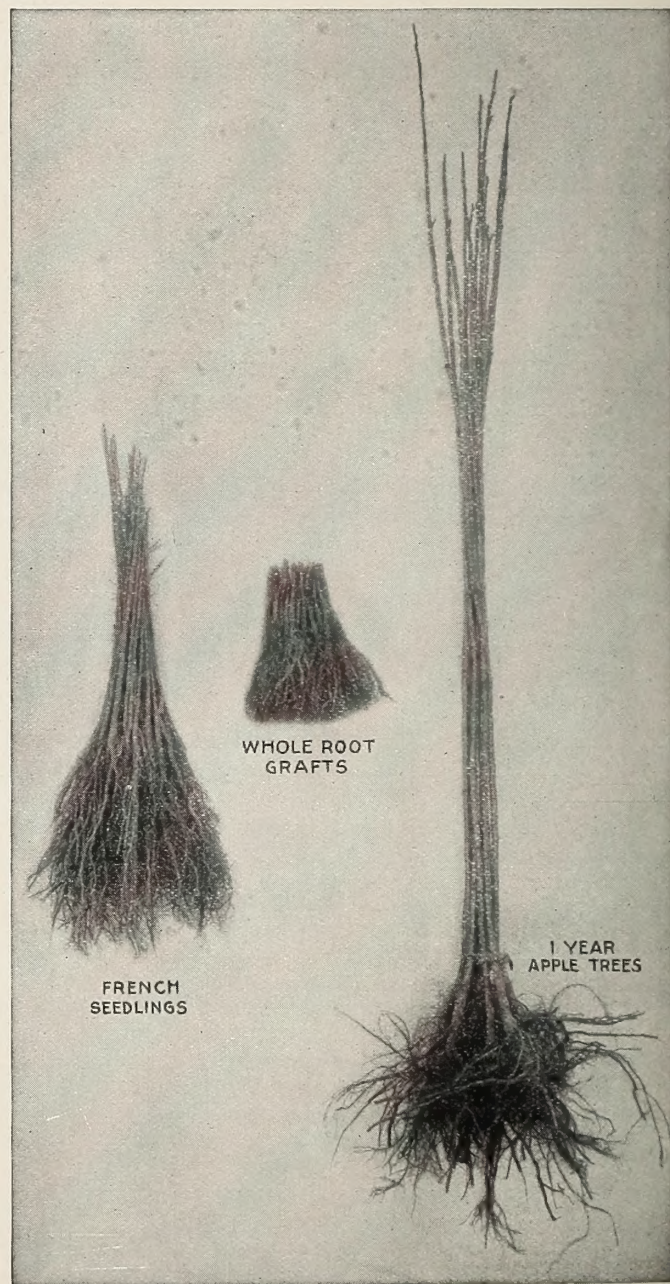
and experienced orchardists realize the damage done to the present day orchards by these unscrupulous methods. The great orchardists and horticulturists of the west are realizing the far-reaching damage done to the orchards of today and are urging the Nurserymen's Associations and Horticultural Societies to discontinue the selling indiscriminately of cut scions and bargain counter grafts.

**Our One Aim** is to propagate the best trees that nursery science will produce, and of the best sorts. We offer the finished product. Job lots of trees are sometimes offered at prices that sound ridiculously low; they are produced from the cheap grafts mentioned above. They may have the height and size; but remember there are trees and trees. Experienced orchardists will not touch such stuff, even as a gift; it is absolutely worthless. The business orchards of today, the ones that are bringing the big returns, are constructed on a firm and lasting foundation—whole root trees. Orchardists everywhere are beginning to realize that the first cost of a tree is an insignificant factor. This has been the tone of the horticultural meetings everywhere this season; growers are demanding trees of quality and they will accept nothing else, no matter what the price may be.

We are constantly improving our methods; advancement is our watch-word. We have discontinued wrapping grafts by hand. We use a wrapping machine of our own patent, which wraps rapidly, closely and makes an absolutely perfect union of graft and scion, which was impossible with the old time hand methods still practiced in some nurseries. Scientific men sounded a warning years ago with reference to grafting or budding on piece roots. Every tree propagated by us is on whole stocks. Downing's great work, "Fruits and Fruit trees of America," says: "Large quantities of trees are propagated by

using pieces of roots. This tends to debilitate and reduce vitality. It is therefore apparent that but one healthy permanent tree can ever be grown from a single seedling stock."

P. J. Berckmans, when president of the American Pomological Society many years ago, after exhaustive study of the subject, said: "Standard trees should be propagated only upon healthy and vigorous stocks. The system of grafting upon pieces of roots is wrong to say the least of it, but as it is cheaper



Strong, healthy Seedling, properly made Whole Root Grafts, and the tree they produce, grown the Stark way.





A great block of 2-yr. Cherry in one of our Missouri Nurseries

and quicker it is resorted to by some nurserymen. No lasting results can possibly be expected from trees propagated upon this plan. The system is worthless and is only calculated to disappoint the planter. The history of all piece root worked trees planted in orchards since 1860 has been the same—8 or 10 years of life, a few small crops of fruit and then death.”

Although it is not necessary in this day and age for us to defend the merits of whole root trees, as it is a question no longer among well posted orchardists, but we feel that we should once more warn people against buying stock propagated from unmerchantable grafts and seedlings, which without a shadow of a doubt if planted in your orchard will produce a weak, unprofitable orchard tree.

The late Nicholas F. Murray while President of the Mo. State Horticultural Society in 1884 read a paper before that body on this subject. He said: “The mad rush and greed to multiply trees to satisfy the demand for cheap nursery stock has caused us to depart from one of the great and grand laws of nature that should have never been violated, when in place of making one root for each graft from each seedling we commenced cutting them into small roots, often making from two to five and even a dozen roots from each stock. This practice may suit the nurseryman who feels that he must grow cheaper trees and the public have no right to complain so long as they are unwilling to pay more than 10¢ or 15¢ for their trees; but such stock will never make the large, healthy, lasting trees that once flourished in our country and were started before this pernicious style was introduced. That this is one of the chief causes of the short duration of our apple orchards we learn from our own experience. In order to have our orchards healthy, we must go back to first principles and pay more attention to the laws of nature.”

The opinion of these pioneers of orcharding are reflected in the utterances of thinking orchardists throughout the country now. We could fill this publication

with arguments from the best up-to-date growers from every state in the Union endorsing every word of the above, but as stated we do not feel that this is necessary—especially not for wide-awake tree planters.

Some nurserymen offer grafts of cherry, plum, etc., and we occasionally have inquiries for them, but nurserymen who are nurserymen and who understand their business know that it is a waste of time and money attempting to propagate by grafting the stone fruits. They should at all times be budded. The grafting of cherry, plum, etc., like pear should be propagated by budding on French and Japan stocks

Our methods of propagation, cultivation, digging and packing are the best, as our many years of experience has taught us, and in our literature we give facts as we know them. In the description of varieties we give faults as we find them, as well as the good points in each. It is not our desire to mislead planters in any way, to induce them to buy trees of any unworthy variety but by giving facts that our experience has proven we endeavor to place in customer's orchard the trees best suited to his locality and to his needs. As a prominent Professor of Horticulture in a Pennsylvania College recently wrote us: “We are very much indebted to you for the donation of so much material, which is exceedingly valuable for instructionable purposes. I am confident that more work of this kind on the part of nurserymen would result in great good to the cause of horticulture. It shows real methods actually practiced, rather than old methods described in out-of-date books.”

**The Stark Grafting and Wrapping Method.**—Our chief competitor, and one of the largest seedling growers in the world, upon examining Stark grafts, writes: “Your grafts are simply models. The stocks can not be excelled and the manner of putting the grafts up is superior to anything that is made in this country that I know of. I do not believe the extra branched French apple seedlings can be excelled.

**EXPERIENCE, NOT TALK—FACTS, NOT THEORIES**



# THE REASON STARK TREES ARE BEST FOR YOU

For almost a century (84 years) Stark Trees have been the standard by which nursery stock is measured. Our aim is to grow the best trees of the best sorts—sorts that pay and for which there is an assured commercial future, realizing that our customers' success is our success.

Our business was not developed in a day, but has, for many years, shown a steady and healthy increase, until we now have the largest and most complete nursery establishment in the world, being conducted by the third and fourth generations of the family who established it in 1825. Our propagators are permanent—sons and grandsons have grown up with the business, and this you will agree, means much to the planter. The average nurseryman has just picked up his profession; oft times at the expense of his customers.

**THE STARK IDEA OF GROWING STOCK.**—Many years of experience has taught us that no one locality will produce all kinds and classes of stock and since we are convinced more and more each year of the importance of producing all stock we sell, we have twelve nurseries in eight states; growing at each only stock best adapted to the soil, climate and general conditions. This too, means much to the planter, for in this way we have reduced to the minimum, the chance of the usual and well known nursery errors which are so disastrous to buyers. Developing and perfecting our propagating system has taken years, but we are now rewarded by the knowledge that our stock, grades and varieties are absolutely dependable. Special attention has been given to propagation from selected and proven strains of bearing trees. While this method is more expensive than cutting from the nursery rows, experience has taught us that trees so propagated are undoubtedly more valuable, besides the total elimination of all chance of their being untrue to name. Below we give the location of our different plants.

**Louisiana, Mo.** General office headquarters, home nurseries and packing houses; a large, general and varied assorted stock, the most complete in the world. Splendid soil, producing a general stock.

**Starkdale, Mo.** Ideal soil. Millions of trees have been produced here; apple, pear, cherry, peach, grape, blackberry, ornamentals, a complete line of stock. Our finest nursery farm; grows the best pear, cherry, etc.

**Rockport, Ill.** Near our Louisiana headquarters and where we have several millions of the finest trees growing; here about everything in the nursery line produced with exceptional quality, one of the most complete nursery plants in the country.

**Marionville, Mo.** In the famous Ozark country where general conditions peculiarly favorable for producing hardy, well-rooted, fruit trees. We have here over one million 1-yr. apple, the ideal tree for western planters, also great stocks of 2-yr. apple, pear, etc. Better trees cannot be produced anywhere.

**Fayetteville, Ark.** We have here magnificent blocks of pear, grape, small fruits, etc.—with two and one-half million 1-yr. apple, chiefly the popular commercial sorts such as Delicious, Black Ben, King David, Stayman Winesap, Rome Beauty, Banana, McIntosh, Liveland Raspberry, Henry Clay, Wilson June, Jonathan, Winesap, Spitzenburg, Newtown, G. Golden, Senator, etc.

**Rolla, Mo.** A million apple or more, also pear, cherry, plum, dwarf apple, etc. One of the finest bearing orchards in the country from which we propagate.

Marionville, Fayetteville and Rolla nurseries are in the heart of the great Ozark orchard regions where the apple grows to perfection—"the apple orchard of America." The iron soil and mountain climate are peculiarly adapted to the propagation of hardy trees, incomparable root system, and firmest wood texture, the hardiest foliage and the cleanest trees.

**Perry, Ohio.** Along Lake Erie, an ideal soil for peach, pear, cherry, gooseberry, apricot, small fruits. Our peach nursery here is most beautiful.

**Dansville, N. Y.** In the Genesee valley; here we have pear, cherry, plum, ornamentals, Norway Maple, gooseberry, currant, etc., one of the largest plants in New York. This season we purchased additional land to accommodate this great and growing plant.

**Portland, N. Y.** In the very heart of the Chautauqua Grape district. We are producing grape vines by the millions, also gooseberry, currant, etc.

**Huntsville, Ala.** Here we grow cherry, peach, mulberry, etc., produces extra fine stock.

**Wenatchee, Wash.** Devoted largely to the growing of Delicious, King David, and other Stark sorts which have made the Columbia River Valley famous.

**Twin Falls, Ida.** Here we grow chiefly apple for western planters, Delicious, King David, and other Stark leaders which Idaho is growing to such perfection; situated in the most renowned and greatest in extent of the western irrigated valleys.

**Hamilton, Mont.** In the heart of the Bitter Root Valley, the home of the Marcus Daily estate and where the Bitter Root Valley Land and Irrigation Co. are planting model orchards, chiefly Delicious, McIntosh, etc. Here we are growing largely of Delicious and the true Montana Red McIntosh. This valley leads the northwest in the growing of McIntosh apple.

**Foreign Stock.** In Europe and other foreign lands we have large contract for fruit trees, stocks, ornamentals such as the several countries produce to advantage. We also have contracts with experienced growers for the propagation of fruit seedlings, forest tree seedlings, etc. in this country, so that we are always sure of a dependable supply for our own propagation. The Stark branch nurseries are operated chiefly by Stark nurserymen who have grown up in our business; several generations being represented.

**ONE-YEAR APPLE.** Growing in these several nurseries, are nearly six million apple trees which will be dug and sold at 1-yr. old. We will also have, exclusive of the list named below, our usual supply of 2-yr. apple. We have the largest and best assorted stock of growing apple in the world. Following is a partial list:

1,250,000 Delicious	40,000 W. W. Pearmain
759,000 King David	37,000 Ark Black
625,000 Black Ben	39,090 Giant Jeniton
600,000 Rome Beauty	32,000 Senator
434,600 Jonathan	32,000 Florence
260,100 Stayman Winesap	30,000 Henry Clay
225,000 Winesap	29,000 Wagener
180,000 Champion	25,000 Transcendent
130,000 McIntosh	15,000 Northern Spy
120,000 Spitzenburg	20,000 Maiden Blush
105,000 L. Raspberry	18,000 Paragon Winesap
100,000 Newtown Pippin	15,000 Baldwin
100,000 Banana	12,000 N. W. Greening
95,000 Grimes Golden	11,000 Ingram
65,000 Yel. Transparent	11,000 Bellflower
56,000 York Imperial	350,000 Assorted
48,000 Wealthy	
45,000 Wilson June	Total Apple 5,872,000
185,000 Kieffer	27,000 Lincoln
125,000 Bartlett	25,000 Comice
45,000 Anjou	300,000 Asst'd
30,000 Garber	Total Pear 737,000



# Fillers for the Apple Orchard

The plan of planting fillers in apple orchards is being urged by many authorities. The plan is a good one, but if planted in this way the fillers must be cut out at the proper time, before they begin to crowd the permanent trees. It requires nerve to cut down healthy bearing trees, but it must be done, or the orchard will be damaged. The fruit from the fillers will bring the careful orchardist enough profit to pay for all the cost and expense of the orchard up to the time they are removed, and then the permanent trees are just ready to bear their most valuable crops.



**A 7-year-old Delicious Apple Tree in the Bailey Orchard, Chelan Co., Wash.; 100 of these trees turned \$2000.00 to the owner in 1908.**

Hon. John Y. Stone of Iowa, in a paper, "Profits of an Apple orchard," says the object of a commercial orchard is not the symmetrical growth of individual trees, nor yet the varied beauty of the landscape scenery, but **PROFIT**. If this is your object—profit, do not allow the fillers to stand until the permanent trees are damaged.

The Western Filler Plan (Quincunx plan) is one of the best where a filler is to be used and is the plan recommended by Prof. E. J. Wickson. The following diagram shows how the trees should stand; D (Delicious suggested) permanent tree, KD (King David suggested) the filler:

D	D	D	D	D	D	D	D	D
KD	KD	KD	KD	KD	KD	KD	KD	KD
D	D	D	D	D	D	D	D	D

The Parker Earle plan is practically the same as the Western Filler method except the filler is omitted from every third row; this gives three rows of permanent trees, two rows of fillers, then a wide middle left for wagon and spray road, etc. The following diagram explains this plan:

D	D	D	D	D	D	D	D	D
KD	KD		KD	KD		KD	KD	
D	D	D	D	D	D	D	D	D

## NUMBER OF TREES PER ACRE.

Set 30 ft. apart—Square, 49 to the acre. Quincunx, 76 to the acre.  
Set 24 ft. apart—Square, 75 to the acre. Quincunx, 136 to the acre.  
Set 20 ft. apart—Square, 108 to the acre. Quincunx, 192 to the acre.

Everything considered, we believe either of above plans preferable to

setting the permanent trees, say 36 feet apart in the row, with the rows 30 feet apart, the filler between each two trees the 36 ft. way, thus:

D	KD	D	KD	D	KD	D	KD	D	KD	D
D	KD	D	KD	D	KD	D	KD	D	KD	D

Peach trees should never be used as fillers in an apple orchard; they are injurious to apple trees and should have their own territory. Pear and cherry, if wanted, may be used, but on the whole we believe it advisable to use only apple trees as fillers in an apple orchard.

The best varieties we know for use as fillers are Henry Clay, Live-land Raspberry, Yellow Transparent, Banana, Wilson June, Duchess, Early Melon, Wealthy, Wagener, McIntosh and Jonathan. In the Hood River, Oreg., orchards, Jonathan is a most desirable filler for Spitzenburg and Newtown Pippin, as it bears three crops ahead of either sort. Grimes Golden, Rome Beauty, Senator and K. D. are good. King David, while a precocious bearer, even earlier than Mo. Pippin or Jonathan, is also a good permanent tree. We suggest alternating Delicious with King David. Black Ben or Champion may be used for permanent trees or fillers as desired.

"In the Ozark country costly blunders were made in planting solid orchards of Ben Davis without a single pollinator; result, barren trees and a harvest of disappointment. Small fruits may be grown between the rows, thus many orchardists produce an income which furnishes a livelihood, making the orchard pay its own way until bearing age."

## CROSS FERTILIZATION

Commercial orchardists almost everywhere are discontinuing the planting of solid blocks of any one variety, but are mixing other varieties with them as pollinizers. Years ago we were advising this course and in our own plantings this plan was followed. Actual results not only from our own orchards but from many others which came under our observation, have shown us that the plan is best.

In an address before the Central Illinois Horticultural Society in 1907, Senator H. M. Dunlap, one of the most scientific orchardists in the State of Illinois, cited some instances which should be known to every man who contemplates putting out an apple orchard. He spoke of one orchard set to two varieties, 8 rows of Ben Davis, then one row of Jonathan. Last year the Jonathan trees were full all the way through the orchard while the row of Ben Davis next to them on either side was fairly well filled with fruit. The second row on the side next to the Jonathan row was fairly filled, while the side of the trees away from the Jonathan rows had little fruit. The third and fourth rows away from the Jonathan rows had practically no fruit at all. His conclusions were that the nearer the Ben Davis trees were to the Jonathan the better fertilized they were, as the insects would carry the pollen to the nearest trees more frequently than they would to the distant trees.

He gave another instance of a large apple orchard, the center of which was set to solid blocks of Ben Davis, on one side was a block of Akin and on the opposite side was a block of Akin part way and another variety the balance. Where the solid blocks of Ben Davis met, the fruit

rows were heavily loaded, the second rows of both varieties had a fair crop; the third rows a light crop and the rows beyond none at all. On the opposite side the same conditions prevailed with the exception that where the three varieties met, the crop was the heaviest in the orchard. The triple cross pollination seems to benefit every variety.



**A three-year-old King David tree bearing its second crop in the orchard of John Bennett, San Diego Co., Calif.**

In planting an orchard in which a filler is used, do not plant in such a way that when fillers are removed, you will have a solid block of one variety. Of course, while the fillers are standing, everything will be well, but when they are removed, the bearing qualities of the solid blocks may be impaired.



# Planting and Care of Trees

**PLANTING SEASON** is not regulated by date nor your season, but by condition of trees to be planted. Planters in the south yearly receive and plant Stark Trees with entire success weeks after their spring has opened. The first requisite is a tree grown as it should be, then if dormant and planted right and cared for properly, success is assured. Prepare soil for trees at least as well as for wheat, corn or potatoes; deep subsoiling before planting is advisable. Do not plant when ground is too wet, rather when soil will powder. Dig large holes to admit roots; never bend them, cut back rather; cut off bruised or broken roots up to sound wood, then dip roots in thin mud and never let them get dry. After ground settles trees should stand about the same depth as in nursery, except **DWARF PEAR**, which set four inches deeper. Straighten all roots into natural position; fill in with fine moist earth, firming it among roots, leaving no air pockets. When hole is one-fourth full tread solidly, and so until level full, then strew an inch or two of fine loose soil on top. A good plan is to mount a barrel on a wagon or sled half filled with water or thin mud, put in the trees and drive along the rows, taking out each tree just as wanted for planting. Water only in case soil is dust dry; pour 3 or 4 gallons of water in the hole after two-thirds full; allow the water to disappear then finish filling. Prune trees as planted; cut out entire all weak, broken or bruised limbs, keeping proper balance, then shorten remaining limbs to 3 or 4 buds at base. The main leader, if there be one cut back one-half. Grape vines and small fruit plants, trim the roots to reasonable length and cut off most of the new growth, leaving only two or three buds on each cane. **REMOVE LABELS** or wires will cut into and ruin growing tree. Start your trees right; it will save work, trouble and expense later and make you a better tree. Cultivate deeply the first year to keep the soil loose and moist. After that plow deep in the spring and cultivate lightly after each rain, and as often as weeds start. Clean cultivation pays. A **FERTILIZER** frequently advisable, but under no circumstances should it be placed in the hole when planting a tree. Many trees are killed or seriously injured by strong fertilizer coming in direct contact with the roots. If you desire to use a fertilizer distribute evenly after the tree is planted, about two inches from the surface of the ground. Let the rain gradually carry it to the roots. **PEACH**, cut off all limbs, leaving a stick, which cut back 18 to 24 inches from ground. **CHERRY** should have well drained soil. Don't prune until after first year.

**IRRIGATION**, except in arid regions, seldom necessary; good cultivation will retain sufficient moisture except in the case of newly planted trees during unusual drouth when it is sometimes advisable to apply water. This should be done by digging the soil from around the tree to a depth of 6 or 8 inches; pour plenty of water into the depression, allow it to settle then cover with loose soil and keep it loose. A thorough saturation every two or three weeks is better than a small quantity of water applied frequently. In localities where irrigation is regularly practiced, a common mistake is to use too much water; two or three good soakings a year followed by good cultivation is sufficient. If under irrigation, plant when soil is comparatively dry, certainly not wet enough to be clammy. Tread around the tree firmly. Within about a month or less turn in the water and thoroughly wet the ground.

When your trees arrive from the nursery unpack as soon as possible, unless freezing weather, in which case put box in frost proof building until mild weather, then open box, untie each bunch, pick out all packing and dip roots in thin mud; then heel in until you are ready to plant. To winter trees where fall planting is not desired, dig a trench two feet deep on a dry knoll, using the soil to make a sloping bank on the south side; lay in trees with top slanting south, and bury to the tips, tread firmly; then another layer of trees, etc., covering over deep with soil rounded to the center, no danger of putting on too much earth. Untie all bunches and spread trees in thin layers, dig trenches to drain off all surface water.

**TRANSPLANTING ROSES**, two-year plants, which we sell chiefly, should be planted rather deep and then cut the top back near the ground; leave several buds; cover over the entire top with moist earth. After about ten days as the buds are swelling, remove the dirt and there will be a strong, vigorous growth, no drying back. Nine-tenths of the roses die because they dry back from exposure. This treatment is not intended for the small baby green house roses, and neither are such roses intended for the average planter. They are not to be recommended.



**Block of 1-Yr. Stark Delicious and Stark King David Apple.**

"Colorado customers, inexperienced in nursery propagation, have been urging us to establish a branch plant in western Colorado. One of our oldest customers, himself a nurseryman, writes: "Nursery land is scarce and valuable; besides I can not advise you to plant nursery stock here. Of all the apple I have seen propagated here, I have never seen even a yearling that was not swarming with aphids, and there is not a tree in the valley that is free of it.

Colorado customers of many years experience have pronounced Stark Trees the best they have ever planted, the best root system, the most dependable, the healthiest, cleanest, most vigorous, and our sorts the best sellers, and our own experience in planting our Colorado orchards reinforced the opinion of Colorado customers, that Missouri grown Stark Trees have given better results than Colorado grown trees, and proved their value and dependableness throughout all the orchard regions of the country. In Stark Colo. orchards, Mo. grown trees succeed better than Colo. grown, and the 1-yr. excel the 2-yr.

No other nursery in America possesses the knowledge of apples or of varieties; and as I am superintending the purchase and planting of more apple trees than any man in the U. S., I always come to you.—C. A. Woody, Denver, Colo.

I made a visit to Delta Co., Colo., this fall, which is the greatest fruit county of Colorado. They have some of the finest healthy young orchards I ever saw. I was informed that they were bought of Stark Bros. They say that your stock gives better satisfaction, grows better, and comes nearer being as represented than any other nursery they have tried.—Mrs. E. D. Lary, Morgan Co., Colo.

I intend to plant 20 acres of land to apples, etc. Send me your advertising matter so I can pick what I want. Am an old customer and swear by you for good trees and a square deal.—L. S. Linney, El Paso Co., Colo.

I bought 600 trees of you last spring and I want more this spring. Of the 600 I only lost one. Who can beat me?—A. E. Moyn, Delta Co., Colo.

Inspector says trees were the finest he ever inspected in this state; not a single cull. Customers jubilant over their trees, all paying the highest possible compliments.—J. W. Cannam, Mesa Co., Colo.

Have put out many trees from your nursery while in Colorado, and have always found them true to name.—E. J. Crow, Ada Co., Idaho.



**Montmorency Monarch Cherry Orchard.**

I advocate planting 1-yr. trees and my experience is that Stark Trees have the best root system of any trees coming in here; you are without a doubt the best propagators, have the best system, methods and facilities. No Nurseries in the irrigated valleys can compete with your Missouri conditions for producing good stock.—Hon. Silas Wilson, Canyon County, Idaho.





One-Year Apple—note the splendid whole-root system; 5 to 7 ft., 3 to 5 ft., 2 to 3 ft., and mail size.

**One-year apple trees** are rapidly increasing in popularity. Planters, who only a few years ago, were buying two-year trees, now want only one-year. Experience has shown them that trees when transplanted young receive less of a shock or check than those two or three years old; that they come into bearing as quickly, bear better, make a better orchard tree, and live longer. Then there is another thing; they are cheaper—cost less to buy, less to plant—commercial orchardists everywhere are beginning to see their value. We recommend them—not only because we have them for sale—for we have hundreds of thousands of two-year trees, but because in our own orchards we plant nothing but one-year, and these orchards have proven to us the facts we state above.

**Largest, Best, Most Vigorous** trees in the orchard, the ones that produce the most apples and promise to last the longest, are the **1-yr.** trees planted 10 years ago. Look at them! Grand trees! Low headed, branches low. No sun scalded bodies. No blight. Trunk is shaded, so is the ground—necessary conditions for arid regions.—T. W. Page, Supt. Stark Colo. Orchard.

All the **1-year trees** have taken the lead in size and as producers. The 16,300 1-yr. whole root trees came in perfect order.—C. R. Williamson, Lawrence Co., Mo. Later—the very finest orchard I ever saw in one body.—James Wakeley, Inspector.

**Bought 1-yr. trees** of you in 1898 and put out an orchard; I have sold the farm and bought another, **the orchard sold the farm.** The finest young orchard in this part of the country.—L. L. Rockhold, Bates County, Mo.

**One-year trees** planted two years ago, are from 7 to 8 feet high with heavy tops and foliage. Among all trees I have planted, **Stark 1-year trees** have done best.—P. L. Clay, Okla.

**1-yr. apple trees** are just the trees for me.—S. G. McMullin, Mesa Co., Colo.

**Up to Date:** "We are very much indebted to you for the donation of so much material which is exceedingly valuable for instructional purposes. Your liberality is very much appreciated and I am confident that more work of this kind on the part of the nurserymen would result in great good to the cause of horticulture. It shows real methods which are actually practiced by up-to-date nurserymen, rather than methods described in out of date books."—Prof. Hort., .....college, Pa.

**DELICIOUS**—The original Delicious tree, near Des Moines, Iowa, is 26 years old; 40 degrees below zero killed most other sorts of same age, on the flat black prairie soil where it stands, yet the Delicious has given **20 successive crops without failure.** Quality **absolutely the finest known**,—tender, delicate, "delicious", and absolutely different from all other apples, will please the most delicate taste—**no pear more delicious.**

We have an unusual stock as listed, however, there is an ever increasing demand for Stark 1-yr. Apple. There is no better foundation for a commercial orchard than our well grown 1-yr. or maiden trees. The commercial orchardists of the west have refused to plant any apple older than 1-yr. for many years. We have personally endeavored to educate planters to the fact that the best foundation for the orchard is 1-yr. trees, but we have 2-yr. apple for those who prefer them. A few customers still asking for 3- and 4-yr. trees; we consider them unmerchantable and would advise no one to plant. 1-yr. trees will fruit quicker and make a more vigorous and lasting tree. This is our experience in our own orchards, confirmed by the advice of the great orchardists throughout the entire orchard regions.

**A Statement of Facts.** Visitors are always welcome, we invite comparison, we challenge competition. No nursery in the east is growing more trees, etc. than we grow at Dansville, no more grape vines, etc., than we grow at Portland. The Fayetteville plant is the largest of its kind in the world, no nursery can show more apple than we have at Rolla and Marionville, and the same statement is equally true of Rockport to say nothing of our other plants. In brief, we grow and produce more stock than any dozen nurseries combined.

**TRADE MARKS.** We use trade marks for the same reasons they are used by business houses everywhere; to protect varieties in which we have invested thousands of dollars and years of painstaking observation and experiment. Trade marks do not increase the cost of the tree one penny but they do guarantee the buyer that he will get exactly what he pays for. Some nurserymen dislike the trade mark idea—it forestalls their desire to derive benefit from the thought, labor and investment of others. However, the majority of nurserymen favor trade marks, as was shown at the 1908 convention of the American Association of Nurserymen, when a resolution was adopted by unanimous vote favoring the use of trade marks as a protection to the originator or discoverer of valuable varieties of fruit.

**Delicious proves its superiority.**—This year, one of the severest I have ever known, Delicious has proven its superiority over all; a fair crop on all the trees with temperature at 26 degrees at blooming time.—Frank Femmons, Madera Co., Calif.



A BASKET OF PRIZE-WINNING DELICIOUS.



# ROME BEAUTY

## One of the REALLY GOOD Commercial Sorts.—What Authorities From Nearly All Points of the Compass Think of It.

The trend of sentiment among apple growers against poor varieties which has been so pronounced for the past several years, and which has brought to the front the great apple kings, **Delicious, King David, Stayman Wine-sap, Senator**, etc., has also brought a realization of the value of one of the old sorts which is not so widely planted as it should be—the **Rome Beauty**. It is a fine apple, with many good qualities and few faults, and is a splendid sort to plant in connection with the above named varieties. We submit the following opinions from some of the best authorities in the country:

**Demand Growing.**—The demand for Rome Beauty is growing every year. It is the leading commercial apple of our valley.—R. S. Purtee, Delta County, Colorado, Feb. 19, 1909.

**Comes Into Bearing Early.**—After long experience in growing Rome Beauty, I consider it one of the best now in cultivation. It has a wide range of adaptability and succeeds well in the eastern, middle, western and north-western states. It adapts itself to a variety of soils and is one of the best apples known for sandy soils. The trees come into bearing early and produce good crops of fruit, uniform size, fine in appearance and of good quality.—Hon. G. B. Brackett, U. S. Pomologist.

**Should Be Planted.**—Rome Beauty when at its best is unexcelled. Where it does well it should be planted in preference to inferior kinds. There is rarely any excuse for planting Mo. Pippin. So far as I know they are being but little planted in this state.—W. Paddock, Horticulturist Colorado Agricultural College, Feb. 19, 1909.

**The Best in Growth.**—Rome Beauty will be a winner here I am sure. Specimens grown here were fine, and a few old settlers who had lived in the canyon for several years prior to the opening of the Twin Falls tract have planted quite a few Rome Beauty that are now in good bearing and this year they did exceedingly well, both in quantity and quality. Believe Rome Beauty will be great here and certainly think it should be planted instead of Ben Davis, Mo. Pippin and other varieties of poor quality. Delicious and King David have made decidedly the best growth of any variety planted. Many fruit men, to whom I have talked, cannot say enough for Delicious.—C. R. Fugate, Twin Falls Co., Idaho, Feb. 1, 1909.

**Has Made Good.**—Rome Beauty has made good in this territory beyond a question. My 8-yr.-old trees bore a heavy crop in 1907 when nearly everything was killed by late freezes. These same trees bore from 5 to 8 boxes of fine fruit in 1908. They are early and heavy bearers; fruit large, and a late keeper. Am sorry that 25% of my trees are not of that variety. They are in every respect a more profitable variety than Ben Davis or Mo. Pippin. Have just sold a 10 acre tract of orchard at \$800.00 per acre.—Geo. L. Price, Montrose Co., Colorado, Jan. 30, 1909.

**One of the Most Promising.**—I am not raising any Rome Beauties but am very much interested in them. Expecting to top-work some of my undesirable varieties to Rome Beauty next spring. Mr. J. C. Woods and other veteran growers have them in bearing and pronounce it one of the most promising sorts. The apple is a beauty, tree hardy, a vigorous grower and a good average bearer and is destined, I believe, to become one of our best commercial apples, and should be planted in preference to Ben Davis, Mo. Pippin and others of that sort.—R. A. Rollins, Flathead Co., Mont., Jan. 22, 1909.

**Almost Freezing Proof.**—In this section Rome Beauty has jumped into such great favor among all our orchardists that there are but few other varieties looked on with much favor. Many are putting out as many of them as of all other kinds. They color nicely, are of desirable size and a splendid keeper. From our experience here, one would conclude that they would be almost freezing proof; as the Rome Beauty trees were overloaded while about all other varieties were killed. Ben Davis, Mo. Pippin and many other of the old sorts are just about discarded here.—Wm. Locke, San Juan Co., N. M.

**Early and Abundant Bearer.**—The Rome Beauty has proven in our valley to be an early and abundant bearer and a money maker for those who grow it. I think it much more valuable than Ben Davis, Mo. Pippin and like varieties.—Capt. J. H. Shawhan, Canyon Co., Idaho, Jan. 27, 1909.

**Never Misses a Crop.**—Rome Beauty is one of the best apples we have for our mountain climate. It is a good grower, an extra good bearer and the fruit always brings a good price. Another good thing about the Rome Beauty, it never misses a crop here in the mountains. It has a strong bloom; have seen the thermometer at 26 degrees at blooming time, when almost all of the other varieties were killed, yet Rome Beauty came through all right.—H. C. Livingston, San Bernardino Co., Calif.

**Dependable as a Producer.**—When it comes to apples, the Rome Beauty is one of Idaho's leaders. It bears quantities of fruit early in life and is dependable as a splendid producer. It should be planted in Idaho orchards instead of such varieties as Ben Davis and Mo. Pippin. In fact, these latter varieties should not be planted at all as commercial apples.—Prof. J. R. Shinn, Horticulturalist Idaho Exp. Station, Feb. 12, 1909.

**Of Great Promise.**—Rome Beauty is an apple of great promise for certain sections of Virginia, particularly for the lime-stone soil of the valleys, also on the soil types of the Appalachian sections of this state. Specimens from Front Royal last fall were as fine as any I have ever seen from any section. Have compared these with the same fruit from the far west and I find the Virginia grown more highly colored and attractive, with quality just as good. They should be grown more largely than apples of the Ben Davis class.—Prof. H. L. Price, Horticulturist Va. Agri. Exp. Station, Jan. 30, 1908.

**Haven't Missed For 30 Years.**—I have 17 Rome Beauty trees that have not missed a crop for 30 years. It is very popular here.—W. G. W. Riddle, Pike Co., Ky., Jan. 27, 1909.

**On the Western Slope.**—Rome Beauty is becoming one of the leading apples of the western slope of Colorado. I believe it is grown here as near perfect as any apple we can grow. Many of our leading orchardists are top-working it on other varieties of off color. I have seen Ben Davis top-worked with Rome Beauty that made as fine an apple as we need to want. In a few years it will be the leading commercial apple of Colorado. There is very little demand for such varieties as Ben Davis, Mo. Pippin, Baldwin, Jeniton, Black Twig, etc. I believe when your Delicious is thoroughly known here it will be planted largely. It is certainly a fine apple.—R. S. Purtee, Delta County, Colorado, Jan. 25, 1909.

**A Late Bloomer.**—I have found the Rome Beauty to be one of the most profitable apples to grow in the Pacific Northwest. The points in favor of the Rome Beauty are these: (1) The tree is an early, regular and enormous bearer. (2) The tree is very hardy, blooms late, scatters its bloom more than most any other apple, limbs very tough and rarely ever break when heavily loaded. (3) Quality far above Ben Davis, Mo. Pippin, etc., large and as showy as Ben Davis. Sells so much better than these old varieties that one year with another the profit per box, per tree or per acre is about double. (4) No apple keeps better in cold storage. This I know from actual experience. In top-grafting my Ben Davis to varieties that sell better, I worked a good many Rome Beauty. On 2-yr. old tops Rome Beauty yielded two boxes to the



tree and not another variety did as well.—F. Walden, Hort. Editor Ranch, Seattle, Wash., Jan. 28, 1909.

**One of the Best.**—Locality and soil have all to do with most apples, and Rome Beauty is one of the best apples for this country where soil and exposures are right. It is without doubt one of the very best apples where irrigation is not used. There is no comparison between Rome Beauty and Ben Davis or Mo. Pippin. Rome Beauty is far superior.—J. C. Earle, Chelan Co., Wash., Jan., 1909.

**Keep 'Till April.**—I cannot praise Rome Beauty highly enough for western planting, especially in our region; on our Red Mesa soils it gets a color that is not surpassed by any apple grown. Even on our heavier bottom lands its color is always good. While in Utah inspecting fruit for the Grand Junction Fruit Growers' Association last summer and fall, I noticed this apple especially, as it is one of my favorite sorts, and found it doing fully as well as our Colorado grown. Rome Beauty has many qualities that makes it valuable commercially. It comes into bearing while quite young, have seen fine specimens on 3-yr. trees; has excellent cooking and baking qualities and is a fine table apple; in this respect it is surpassed by none. As for keeping qualities, I have kept Colorado grown Rome Beauties until April in an ordinary cellar and they were fine when used. It is also good from the growers' point of view. It is a late bloomer, thereby escaping many early frosts. Last year I had a good crop of Rome Beauty, while all other sorts were killed by frost. The apples set singly and evenly all over the tree, there being no clusters or bunches, making it an easy matter to spray thoroughly, and insures a crop of good, even, marketable size fruit. There is very little danger of a crop of Rome Beauty being undersized. The apple is growing in favor each year in the west, and the price of it is always good. It should be planted extensively as there will be more call for it as its excellent qualities become known. It surpasses Mo. Pippin in every respect and also sells for more money. Rome Beauty can be used as a filler with any other sort for the main variety of the orchard, as the tree is of upright growth and doesn't require as much room as some trees and you will get good results. If set in solid blocks they can be planted closer than some of the more vigorous growing sorts.—Carl K. Rupp, Mesa Co., Colo., Jan. 26, 1909.

**Can Depend on Them.**—Rome Beauty are among the best apples we have; they are fine keepers, also good bearers; the best general bearer we have; can depend on them every year.—C. J. Morgan, Mesa Co., Colorado, Jan. 25, 1909.

**Keeps and Handles Well.**—Rome Beauty for southern Idaho is one of the best commercial apples. It attains a high degree of perfection here, in color, quality and size, and always keeps and handles well. It should supplant Ben Davis, Mo. Pippin, and other poor quality sorts.—Hon. Silas Wilson, Canyon Co., Idaho, Jan. 25, 1909.

**A Splendid Filler.**—Rome Beauty does well in this district and is one of the earliest bearers there is, and for that reason is being used extensively in planting new orchards, as a filler. We believe this country would have been better off had the growers put in more Rome Beauty instead of Mo. Pippin. It is not grown here to as great an extent as some other varieties, but we have found it to be always in demand. We have always advised the planting of it and will continue to do so.—H. G. Fletcher, Cashier Grand Junction, Colo., Fruit Growers' Ass'n, Jan. 25, 1909.

**Bears Early and Regularly.**—Rome Beauty is a fall variety here and is one of the best. For commercial purposes I recommend it in this state. It blooms quite late, begins bearing early and bears heavily and regularly. I never recommend Ben Davis nor Mo. Pippin for this state. Ben Davis may do very well when nothing better can be grown, but should never be planted where we have so many varieties that are superior to it in nearly every re-



THE GRAND OLD ROME BEAUTY.

spect.—Prof. F. C. Reimer, Horticulturist N. C. Exp. Station, Jan. 25, 1909.

**Escapes Late Frosts.**—Rome Beauty does well here. I consider it one of the most valuable varieties to plant. Trees are healthy, late bloomers, escaping nearly always the damage by late spring frosts, which catch the early blooming varieties. It seldom, if ever, overbears here, consequently bears a good fair crop of large apples every year. The apples color well and are very attractive. They are fine cookers, both for baking and stewing. Quality for eating quite good; **much better than Ben Davis or Mo. Pippin.** I still consider Delicious the finest apple I ever saw. This opinion was formed four years ago last fall when I first saw the apple at the Madison orchards.—Judge W. B. Felton, Fremont Co., Colo., Jan. 23, 1900.

**Commands Highest Prices.**—Rome Beauty grows to perfection in Colorado. They have a high commercial value on account of style, size and quality; will always command on all markets the very highest price. No orchardists in Colorado should overlook them.—G. G. Liebhardt, Wholesale Fruits, Denver, Colo., Jan. 23, 1909.

**Of Finest Quality.**—Rome Beauty grows to perfection in the Colorado valleys, getting a high color and being an apple of finest quality, especially for baking. We think very highly of it. It also succeeds perfectly in eastern Washington and Idaho. It is much more valuable in our opinion than such sorts as Mo. Pippin, Ben Davis, Black Twig, Lawver, and others of that standing. It seems to us that it should be planted extensively.—F. Newhall & Sons, Wholesale Fruits, Chicago, Jan., 1909.

**A Good Keeper.**—Rome Beauty bears well, handles well, keeps well and has good color. In fact it is the best of all varieties for the hills of southern Ohio.—Prof. W. J. Green, Horticulturist Ohio Agri. Exp. Station, Jan. 22, 1909.

**Always a Standard.**—Rome Beauty always a standard market variety. Selling at \$2.25, and our market could use more of them. In sections where they get good color, the Rome Beauty should be a very profitable apple to plant.—C. W. Wilmeroth, the Chicago apple man.



**IMPORTANT**—In every case in this list, sorts are arranged as nearly as possible according to the season of ripening, earliest ripening sorts at the head of the list. For instance, Stark-Star, Henry Clay, Liveland Raspberry are the earliest ripening apples, Giant Jeniton the latest keeper; sorts we recommend as most valuable for family use or profit are starred, thus (\*)

Region recommended for each variety is indicated by letters following description—N-north, N N-far north, C-central, and S-south; an apple followed by NCS can be planted either north, central, or south, CS, plant central and south only. NNC central to far north.

# 1-Year

3 to 5 ft.					2 to 3 ft.				
Each	10	100	1000		Each	10	100	1000	
50¢	\$4.50	\$	\$		40¢	\$3.50	\$	\$	
40	3.70	32	265	35	3.20	27	200		
40	3.70	32	265	35	3.20	27	200		
25	2.20	18		20	1.80	14			
40	3.70	32	265	35	3.20	27	200		
25	2.20	18		20	1.80	14			
25	2.20	18	145	20	1.80	14	110		
35	3.20	27	210	30	2.70	23	180		
25	2.20	18		20	1.80	14			
25	2.20	18		20	1.80	14			
40	3.70	32	265	35	3.20	27	200		
40	3.70	32		35	3.20	27			
30	2.70	23	180	25	2.20	18	145		
30	2.70	23	180	25	2.20	18	145		
30	2.70	23	180	25	2.20	18	145		
40	3.70	32	265	35	3.20	27	200		
40	3.70	32	265	35	3.20	27	200		
35	3.20	27	210	30	2.70	23	180		
35	3.20	27	210	30	2.70	23	180		

# APPLE---Budded or Grafted on Whole Stocks

\***STARK-STAR**, not a red apple but beautifully blushed; good keeper for an early variety; quality best of any early apple; fine orchard tree. NCS

\***HENRY CLAY** (Trade-Mark), resembles M. Blush, but ripens almost two months earlier. Large, transparent yellow, crimson cheek; superb quality; regular bearer. In quality, beauty, vigor, excels Transparent. C S

\***LIVELAND RASPBERRY**, most valuable of the Russians; medium to large; beautiful, clear, waxen white, marbled crimson; very hardy; tested everywhere. NNCS We regard it as one of the best things in our orchard; highest quality, long season.—Clarence Wedge, Ex-Pres. Minn. Hort. Society. A Russian variety of excellent quality, being of much better quality than Red Astrachan, and a better commercial variety.—Hon. G. B. Brackett U. S. Pomologist, to F. G. Pickering, Carbon Co., Montana.

Early Harvest, pale yellow, hardy; not valuable on account of scab; much inferior to L. Rasp'y and Henry Clay. CS

\***Yellow Transparent**, Russian, pale yellow; young, annual bearer, blights. L. Rasp'y and Henry Clay better. NCS

\***Strawberry**, Early, dark crimson, very handsome; tender, juicy, mild; only fair quality, easily bruised; ripens unevenly. CS

Red Astrachan, Russian, striped and mottled red; hardy, tardy coming into bearing, juicy, quite acid; good cooking apple. NCS

\***Sweet Bough** (Sweet Harvest), large pale yellow; best early sweet apple; ripens through a long season. NCS

\***Early Ripe**, similar to Early Harvest, better tree, more free from scab—better in every way. CS

Red June, red splashed; fair quality, but scabs; inferior to Stark Summer Queen or Wilson June. CS

\***STARK SUMMER QUEEN**, seedling of Early Pennock, about same size, but earlier and decidedly better, very valuable for its season. NCS

\***Williams Favorite**, beautiful dark red; large and handsome dessert fruit; requires strong, rich soil. NC

\***Benoni**, striped and splashed red; tender, juicy, aromatic; tree hardy, vigorous, productive. NNCS

\***Fanny**, large, deep crimson, a good sort of its season, except far north; valuable for the home orchard; commercially, not so valuable as Wilson Red June. NCS

**Charlamof**, a Russian variety of the Duchess type, large, red striped, good flavor; comes into bearing young and bears regularly; extremely hardy. Prof. A. T. Erwin, of Iowa Agri. College says better and harder than Duchess. Best, most valuable of all Russians. NNC

\***WILSON RED JUNE** (San Jacinto), resembles Red June, but much larger; hardy; a young and full bearer; fine quality, no superior for early market. Tree good grower, healthy. Arkansas grown is as handsome and large as Black Ben; sold in Kansas City for \$16.00 per barrel. Plant commercially. NCS

\***Duchess** (Oldenburg), Russian, streaked and shaded red; a favorite because of rich acidity—good quality. Very hardy and productive. Ours an improved strain. NNCS

\***SUMMER CHAMPION**, much like a bright colored Ben Davis; splendid market apple; tree hardy, vigorous, with heat and drouth resisting leaf. Splendid market sort. NCS

**Lowell** (Orange), clear waxen yellow; rich sub-acid; very prolific and bears very young; good quality; profitable for market. NCS

# 2-Year and 1-Year

XXX, 5 to 7 ft.					XX, 4 to 5 ft.					X, 3 to 4 ft.				
Each	10	100	1000		Each	10	100	1000		Each	10	100	1000	
¢	\$	\$	\$		¢	\$	\$	\$		¢	\$	\$	\$	
50	4.50	40	330		40	3.70	32	265	35	3.20	27	200		
50	4.50	40	330		40	3.70	32	265	35	3.20	27	200		
35	3.20	27			25	2.20	18		20	1.80	14			
50	4.50	40	330		40	3.70	32	265	35	3.20	27	200		
35	3.20	27			25	2.20	18		20	1.80	14			
50	4.50	40	330		40	3.70	32	265	35	3.20	27	200		
35	3.20	27			25	2.20	18		20	1.80	14			
35	3.20	27			25	2.20	18	145	20	1.80	14	110		
45	4.00	35	280		35	3.20	27	200	30	2.70	23	180		
35	3.20	27			25	2.20	18		20	1.80	14			
35	3.20	27			25	2.20	18		20	1.80	14			
50	4.50	40	330		40	3.70	32	265	35	3.20	27	200		
50	4.50	40			40	3.70	32		35	3.20	27			
40	3.70	32	265	30	2.70	23	180	25	2.20	18	145			
40	3.70	32	265	30	2.70	23	180	25	2.20	18	145			
40	3.70	32	265	30	2.70	23	180	25	2.20	18	145			
50	4.50	40	330	40	3.70	32	265	35	3.20	27	200			
50	4.50	40	330	40	3.70	32	265	35	3.20	27	200			
45	4.00	35	280	35	3.20	27	200	30	2.70	23	180			



## 1-Year

3 to 5 ft				2 to 3 ft			
Each	10	100	1000	Each	10	100	1000
40¢	\$3.70	\$32	\$	35¢	\$3.20	\$27	\$
30	2.70	23	180	25	2.20	18	145
35	3.20	27		30	2.70	23	
25	2.20	18		20	1.80	14	
30	2.70	23	180	25	2.20	18	145
35	3.20	27		30	2.70	23	
35	3.20	27		30	2.70	23	
30	2.70	23		25	2.20	18	
35	3.20	27		30	2.70	23	
30	2.70	23	180	25	2.20	18	145
40	3.70	32		35	3.20	27	
25	2.20	18		20	1.80	14	
35	3.20	27	200	30	2.70	23	180
35	3.20	27	200	30	2.70	23	180
40	3.70	32		35	3.20	27	
25	2.20	18	145	20	1.80	14	110
30	2.70	23		25	2.20	18	
25	2.20	18	145	20	1.80	14	110
30	2.70	23		25	2.20	18	
30	2.70	23		25	2.20	18	
30	2.70	23		25	2.20	18	

## APPLE, Continued

**Old Wife Pippin**, greenish yellow, deeper golden blush—the finest August Apple. A family favorite in the pioneer orchards of Judge Stark over 50 years ago. N C S

**\*Jefferis**, medium size, striped and splashed red; mild, very pleasant sub-acid, quality best. Beautiful apple and valuable for its season. NCS

Jefferis begins to ripen the middle of July and will hang until the last of August. Codling moth rarely bothers.—W. G. Ruten & Sons, N. Mex.

**Fall Winesap** (Tom Moore Choice), yellowish green, blushed; fine grained, good; early bearer; productive. NCS

**\*McMahon White**, yellowish white, often with a delicate pink blush; large, handsome tree, and strong, healthy grower, abundant bearer, excelling M. Blush; good cooker. NCS

**Maiden Blush**, pale lemon color with crimson cheek; tender, sprightly, but deficient in richness; widely known, profitable, fairly hardy. Wealthy more valuable. CS

**Summer King**, striped with crimson, red and orange; excellent quality, best and handsomest of its season. NCS

**\*American Summer Pearmain**, striped and splashed red, medium size; rich, pleasant flavor, tender and fine; one of the very best late summer varieties. NCS

**\*Gravenstein**, large, greenish yellow with faint blush; very juicy, sub-acid, good quality. NCS

**\*Early Melon**, large, red, striped crimson; crisp, juicy, good, splendid cooking apple; tree productive and healthy. NCS

**Alexander**, large, red striped, acid; though showy, of little value; liable to rot, blights; Wealthy much better. NNCS

**Bismarck**, whitish yellow, striped crimson; chief value is in young bearing; quality only fair, much overrated. NNCS

**Rambo**, greenish yellow, mottled and striped red, an old well known sort of fair quality; a favorite in some localities, but not recommended for general planting. Summer Champion better in every way. NCS

**Peerless** (seedling of Duchess), hardy variety of Minn. origin, valuable far north; greenish, thinly striped with dull red; firm, juicy, good quality, almost blight proof, only fair bearer, best on dry soils. NNC

**\*Wealthy**, large, smooth, overspread with dark red; fine quality, very best of its season; good keeper; valuable. Becoming more popular and profitable as a market sort. Valuable for cold storage. A profitable filler everywhere. NNC

Finest and best size and quality of any fall apple in this part of the country.—C. A. White, Miami, Co., Kansas.

Wealthy has a full crop where other varieties are only a half-crop, side by side in the same orchard. They are the finest and best size and quality of any fall apple.—C. A. White, Miami Co., Kans.

**Cox Orange**, yellowish, splashed and mottled crimson; juicy, fine for home orchard, valuable in British Columbia. NCS

**Fameuse** (Snow), deep crimson, very beautiful; desirable dessert fruit, good quality; hardy. NNCS

**\*Bonum**, yellow, mostly covered with crimson and dark red, striped; excellent for dessert. NCS

**\*Hubbardston Nonsuch**, large, dull red; good apple, but will not keep; grows well, bears well. CS

**Wolf River**, striped and blushed, bright red; very hardy, yet succeeds even far south; the largest apple known, but poor quality; not valuable; one tree enough for any orchard; Wealthy of more value. NNCS

**Longfield**, Russian, white, blushed bright red; very hardy and when fully ripe, mellow and juicy; not a late keeper; good grower, regular bearer. NNC

**N. W. Greening**, large, greenish yellow; juicy, slightly sub-acid, good quality, hardy; productive. NNC

## 2-Year and 1-Year

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
¢\$	\$	\$	\$	¢\$	\$	\$	\$	¢\$	\$	\$	\$
40	3.70	32	265	30	2.70	23	180	25	2.20	18	145
45	4.00	32		35	3.20	27		30	2.70	23	
35	3.20	27		25	2.20	18		20	1.80	14	
40	3.70	32	265	30	2.70	23	180	25	2.20	18	145
45	4.00	35		35	3.20	27		30	2.70	23	
40	3.70	32		30	2.70	23		25	2.20	18	
45	4.00	35	250	35	3.20	27	200	30	2.70	23	180
40	3.70	32	265	30	2.70	23	180	25	2.20	18	145
50	4.50	40		40	3.70	32		35	3.20	27	
35	3.20	27		25	2.20	18		20	1.80	14	
45	4.00	35		35	3.20	27		30	2.70	23	
45	4.00	35	280	35	3.20	27	200	30	2.70	23	180
35	3.20	27	200	25	2.20	18	145	20	1.80	14	110
40	3.70	32		30	2.70	23		25	2.20	18	
35	3.20	27		25	2.20	18	145	20	1.80	14	110
40	3.70	32	265	30	2.70	23	180	25	2.20	18	145
40	3.70	32		30	2.70	23		25	2.20	18	
40	3.70	32		30	2.70	23		25	2.20	18	
40	3.70	32		30	2.70	23		25	2.20	18	







## 1-Year

## 2-Year and 1-Year

## APPLE, Continued

3 to 5 ft.				2 to 3 ft.			
Each	10	100	1000	Each	10	100	1000
40¢	\$3.70	\$32	\$265	30¢	\$2.70	\$23	\$180

**\*ROME BEAUTY**, (Stark select strains, propagated from the finest orchards of Colorado, Washington, Idaho and Ohio), large red striped, beautiful, good flavor, bears young; valuable, especially west. One of the very best fillers for western orchards. NCS

Rome Beauty is a popular and old time favorite along the Ohio river, the valleys of New Mexico, Colorado, Idaho, and the northwest including Montana; most profitable in the northwest valleys where some varieties fail from frost, Rome Beauty being frost resistant in a measure, with the capacity for secondary crop of bloom, making it an annual bearer. It is one of the good things that has been overlooked, crowded out by less desirable sorts such as Ben Davis, Missouri Pippin, and the worthless old Lawver, (Delaware Red Winter) etc. Rome Beauty, while not in the Delicious, King David, Grimes Golden class for quality, is nearly as good as Stayman Winesap and the old Winesap, not so long a keeper but a splendid cold storage sort, popular and profitable on all markets. Colorado grown Rome Beauty are now commanding \$3.50 per box on the Denver markets where Ben Davis and Missouri Pippin scarcely bring storage charges. Western orchardists are now top grafting their Ben Davis and Missouri Pippin to Rome Beauty.

Rome Beauty trees are surprisingly scarce, and we have not had one-tenth enough to supply the demand; therefore, for the coming season, we have propagated over 600,000, and judging from the way orders are now being placed, the variety will be scarce for next spring.

In our propagation this year of over five million apple alone, we have not propagated a single tree of Ben Davis or Gano and not one of Missouri Pippin although we have 25,000 2-yr. not priced. We were offered a cash order for future delivery of 30,000 Lawver for Montana. We preferred to lose the order rather than have such a valueless sort in our nurseries. Our aim, desire and ambition is to grow the sorts planters should plant, sorts that will make good; therefore, in addition to half million Rome Beauty, we are propagating a million strong and more of Delicious, over half a million King David and largely of Stayman Winesap, Jonathan, Black Ben, Senator, Liveland Raspberry, Wilson Red June, and other sorts of merit, value, and profit, a credit—not a discredit—to our nurseries or to the orchards we supply.

30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

30 | 2.70 | 23 | 25 | 2.20 | 18 |

30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

40 | 3.70 | 32 | 30 | 2.70 | 23 |

40 | 3.70 | 32 | 245 30 | 2.70 | 23 | 180

30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

40 | 3.70 | 32 | 30 | 2.70 | 23 |

40 | 3.70 | 32 | 30 | 2.70 | 23 |

**Opalescent**, a beautiful, shining red, attractive for market; fair quality. NCS

**SPITZENBURG**, bright red, striped darker red; firm, sub-acid; quality best. Like Newtown Pippin it succeeds only in favored localities. Profitable far west. NCS

**\*Buckingham Queen**, large red; good quality; tree hardy, healthy and vigorous; moderately productive. CS

**\*Grimes Golden**, transparent golden yellow; tender, rich, highly flavored, vigorous grower, stands drouth; young bearer. Favorite in all markets. NCS

Of all yellow apples none more beautiful; medium size, attractive; once tasted it is never forgotten.—Prof. H. E. Van Deman, in Fruit Grower.

**Ensee**, originated in Ohio; large, handsome red apple, good keeper, valuable; a Rome Beauty Sdlg. of promise. NCS.

**NEWTOWN PIPPIN** (Albermarle, Yellow Newtown), large yellow, highly flavored, globular, acid and highly aromatic; fine dessert apple; valuable west and a few favored sections southeast. C

**\*York Imperial** (Red Newtown, Johnson F. Winter), light red faintly striped, good, but not of highest quality. Tree a young and heavy bearer. CS

**\*Winterstein** (Originated by Luther Burbank), splendid flavor, good tree, promising. Worthy of trial. NCS

**Pryor Red**, greenish yellow, russeted, quality very good; a good keeper, tree not a regular bearer. NCS

Missouri Pippin, Ben Davis, Gano. We are discarding these three sorts; plant better varieties, such as Black Ben, Champion, etc. Champion for quick and sure profit far surpasses Mo. Pippin; Black Ben far the best of the Ben Davis family. Ben Davis in the past has made money for growers, but Black Ben has supplanted it. This fall we will have some Mo. Pippin. If wanted, will quote.

Have top-worked my Ben Davis to better varieties. Of the Ben Davis family you should sell nothing but Black Ben.—R. A. Rollins, Flathead County, Montana.

Grand Junction, Colorado, is one of the best developed fruit sections in the United States. There Missouri Pippin trees are being taken out and few Ben Davis are being planted.—Editor J. M. Irvine, Fruit Grower, St. Joseph, Mo.

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$	40¢	\$3.70	\$32	\$	30¢	\$2.70	\$23	\$

40 | 3.70 | 32 | 265 30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

40 | 3.70 | 32 | 265 30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

40 | 3.70 | 32 | 30 | 2.70 | 23 | 25 | 2.20 | 18 |

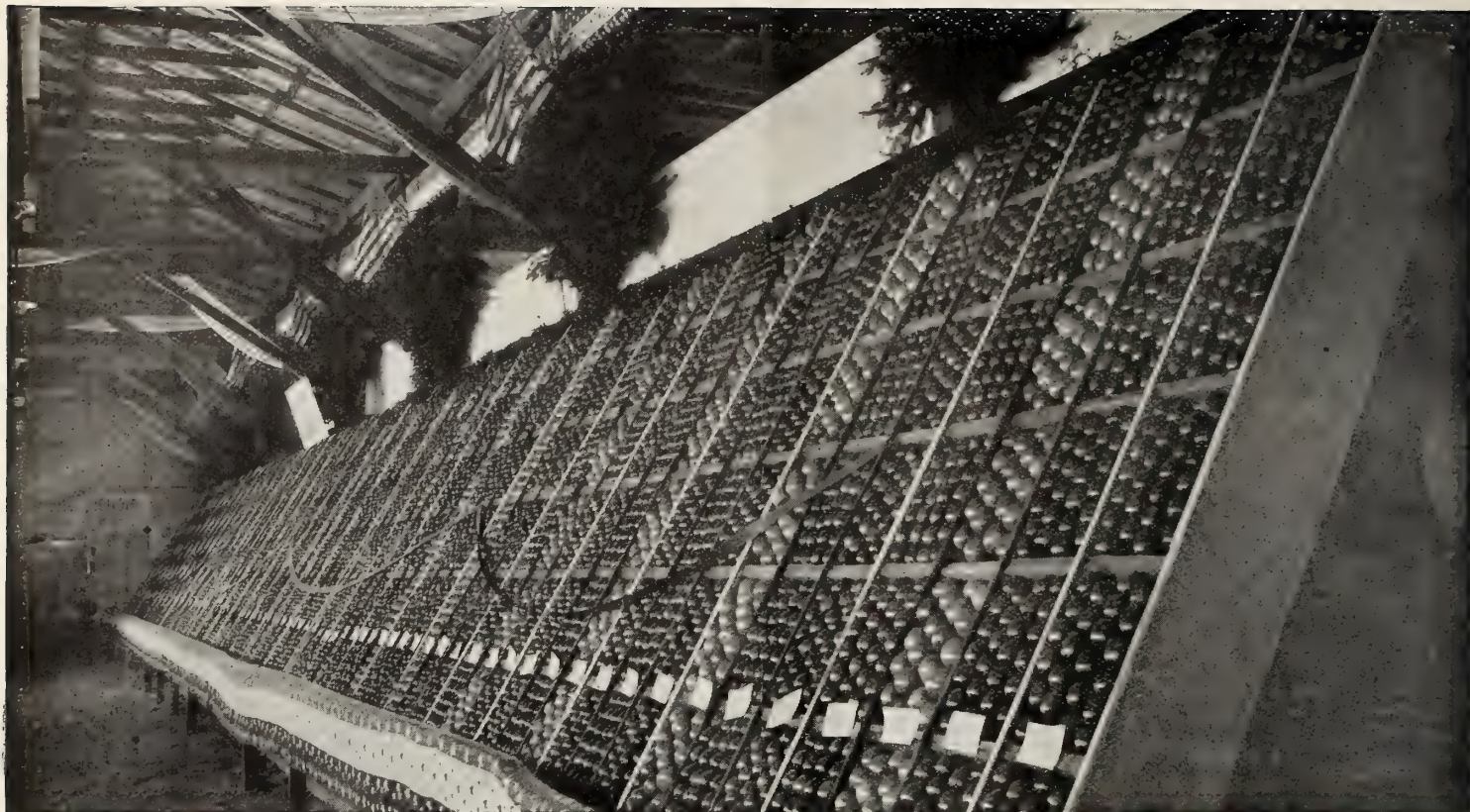
40 | 3.70 | 32 | 265 30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

50 | 4.50 | 40 | 330 40 | 3.70 | 32 | 265 30 | 2.70 | 23 | 180

40 | 3.70 | 32 | 265 30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

50 | 4.50 | 40 | 330 40 | 3.70 | 32 | 265 30 | 2.70 | 23 | 180





Carload exhibit taking first prize, \$1000, at the National Apple Show at Spokane, Wash., Dec. 7th to 12th, 1908. These apples were grown and exhibited by Michael Horan, of Wenatchee, Wash. They were grown on Stark trees, and the great Delicious held a conspicuous place along with other Stark leaders. At the conclusion of the show Jas. J. Hill, President of the Great Northern Railway, bought, among others from this carload, 10 boxes of Delicious, paying \$10.00 per box for them, and sent them to England to be presented to the Royal Family and other friends there.

#### 1-Year

3 to 5 feet				2 to 3 feet			
Each	10	100	1000	Each	10	100	1000
25¢	\$2.20	\$18	\$	20¢	\$1.80	\$14	\$
30	2.70	23		25	2.20	18	
30	2.70	23		25	2.20	18	
35	3.20	27	200	30	2.70	23	180
30	2.70	23		25	2.20	18	
60	5.50	50		50	4.50	40	
35	3.20	27	200	25	2.20	18	145
35	3.20	27	200	30	2.70	23	180

## APPLE, Continued.

**Stark** (of Stark Co., Ohio), large, dull color, coarse grain, but good. Thirty-two annual crops at Eureka, Calif. NCS

**Virginia Beauty**, rich dark red, juicy, mild, rich fruit flavor; is gaining friends everywhere. CS

**Akin**, seedling of Milam, bright crimson; mild sub-acid; very good; late coming into bearing; fruit averages rather small. NCS

**White Winter Pearmain**, large yellow, often bronzy; high flavor, superior to Hunstman Favorite; succeeds well in far west, scabs east. NC

**Lady Sweet**, bright red, a good winter sweet apple, but far inferior to Delicious. Tree a young and heavy bearer. NCS

**Lady Apple**, petite, dainty, novel; most beautiful brilliant deep red, splendid quality, late keeper; productive. NCS

**\*Bayard**, best seedling of Milam, dark red; good flavor, excellent keeper, handles well, tree strong grower, early bearer; succeeds far north, becoming popular in New York. NCS

**\*BEN HUR** (Trade-Mark), large, brilliantly striped red; a Ben Davis-Rome Beauty cross. Fruit resembles Rome Beauty—larger; tree strong, hardier than Ben Davis, thrifty, young bearer. Valuable for all Ben Davis regions, but lacks high quality of Delicious and King David. NCS

#### 2-Year and 1-Year

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
35¢	\$3.20	\$27	\$	25¢	\$2.20	\$18	\$	20¢	\$1.80	\$14	\$
40	3.70	32		30	2.70	23		25	2.20	18	
40	3.70	32		30	2.70	23		25	2.20	18	
45	4.00	35	280	35	3.20	27	200	30	2.70	23	180
40	3.70	32		30	2.70	23		25	2.20	18	
40	3.70	32	265	30	2.70	23	180	25	2.20	18	140
45	4.00	35	280	35	3.20	27	200	30	2.70	23	180



## 1-Year

3 to 5 feet				2 to 3 feet			
Each	10	100	1000	Each	10	100	1000
25¢	\$2.20	\$18	\$	20¢	\$1.80	\$14	\$
40	3.70	32		35	3.20	27	
40	3.70	32	265	35	3.20	27	200
40	3.70	32		35	3.20	27	
35	3.20	27	210	30	2.70	23	180
40	3.50	32		35	3.20	27	
30	2.70	23		25	2.20	18	

## APPLE, Continued

Mammoth Black Twig, seedling of Winesap, dull red, poor quality; long keeper. Paragon Winesap taking its place. CS

\***Paragon Winesap**, similar to M. B. Twig but better. Not equal to Stayman Winesap. NCS

Paragon Winesap will fill the needs of a great class of small orchard planters in the south who want a good long-keeping apple for home use. —Frank Femmons, Madera County, California. Later:—The more I see of Paragon the more I think of it. Bears every year, has not failed since it commenced bearing a dozen years ago, and is the best keeper we have.

\***KING DAVID** (Trade-Mark), solid dark red; cross between Jonathan, and Ark. Black. One of the most beautiful apples grown. Resembles Jonathan, though larger, color deeper, darker, richer red. Tree hardy, strong, vigorous, remarkably young bearer. Took the blue ribbon at the Ill. Hort. Society in 1902. King David and Delicious are the two great market-quality kings. NCS

Think you have found a valuable acquisition to our already long list of valuable varieties.—Hon. G. B. Brackett, U. S. Pomologist. Am hoping much from King David. Trees the most robust I have ever grown.—Hon. Parker Earle, Chaves Co., N. M.

It will knock out Jonathan; we ought to plant all the trees until orchard is filled, before selling any.—Col. W. G. Vincenheller, Director Arkansas Experiment Station.

Very rich red, a beautiful apple; hangs on the tree well as Ben Davis and just as productive. It is the finest apple you have for this part of the country.—F. Dando, Chelan Co., Wash.

King David and Stayman Winesap seem peculiarly adapted to Florida conditions.—E. P. Powell, Author Orchard and Fruit Garden.

I have King David that knock the spots off of your plate made last year. Some of them measure 11 1-2 inches in circumference; hang as well as old Winesap. They were grown without irrigation and this has been one of the most trying years we have had since I came here; no rain for nearly five months and very hot weather. King David tree and fruit have done fine.—C. T. Goundrey, Douglas Co., Washington.

King David best grower of all. Only one of Winesap family that shows late bloom; blooming period lapped over on Grimes Golden. Blooms like Wealthy, all along the limbs.—W. H. Scott, Laclede Co., Mo.

Am sending you a King David from a tree planted two years ago. Trees were one-year old when planted.—Jno. Bennett, San Diego Co., Calif.

King David bore fine fruit, finer and later than Jonathan. Excellent.—G. A. Grass, Perry Co., Ind.

For high, rocky land, give me King David and Black Ben. They out-grow all others two to one.—Ernest Hawkins, Newton Co., Mo.

Quality even superior to Jonathan, never ate a better apple. I believe King David has a great future.—Prof. H. E. Van Deman.

King David trees planted spring, 1906, bore some magnificent apples last year.—B. O. Bogert, Bergen Co., N. J., Feb. 15, 1909.

King David, three years old, in the orchard of Mr. Olds will have quite a lot of fruit on them this year. I consider them far ahead of Jonathan, fruit larger, better color, better keeper; tree is a much better grower than Jonathan.—D. J. Hayden, Chelan Co., Wash.

\***DIXIE**, beautiful red on yellow ground; slightly acid, delicious. Tree healthy, vigorous; regular bearer. CS

\***STAYMAN WINESAP**, (Stark Select Strain), larger than old Winesap; color dark red; fine grained breaking, juicy, very high quality; tree strong grower, long lived. NCS

Has become my favorite eating apple; I never tire of it; has a fine apple flavor and a pleasing mild acid, and a texture that is firm, tender, juicy, very handsome; tree strong and healthy with a bloom that is full of life and vigor; hardy and not easily injured by frost.—Frank Femmons, Madera Co., Calif.

A good apple, large size; tree very hardy and prolific; quality of apples very high; it is all that Dr. Stayman claimed for it.—B. F. Carroll, Lancaster Co., Nebraska.

Sorry we haven't 5,000 boxes more of them. They are selling readily at \$2.50 to \$2.75. They eat well, cook well, keeps well, and the trees bear large size fruit, while the old Winesap bears so prolifically they are liable to run heavily to small sizes.—H. Woods Commission Co., Per C. W. Wilmeroth, Treas.

Stayman Winesap is of excellent quality, highly colored, and was pronounced the finest ever coming under the eyes of the inspector. Had several thousand boxes of Stayman, Delicious, etc.—E. B. Blackburn, Chelan Co., Wash.

\***GILBERT WINESAP**, large, beautiful; excels Paragon, Mam. Black Twig, etc. NCS

**Ark. Black**, dark red, almost black, juicy, sub-acid but rather coarse, scabs, poor bearer. King David superior.

## 2-Year and 1-Year

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
35¢	\$3.20	\$27	\$	25¢	\$2.20	\$18	\$	20¢	\$1.80	\$14	\$
50	4.50	40		40	3.70	32		35	3.00	27	
50	4.50	40		40	3.70	32	265	35	3.00	27	200
50	4.50	40		40	3.70	32		35	3.00	27	
50	4.50	40		40	3.70	32		35	3.00	27	
45	4.00	35	280	35	3.20	27	200	30	2.70	23	180
50	4.50	40		40	3.70	32		35	3.00	27	
40	3.50	32		30	2.70	23		25	2.20	18	



## APPLE, Continued

3 to 5 feet				2 to 3 feet			
Each	10	100	1000	Each	10	100	1000
40¢	\$3.50	\$32	\$	35¢	\$3.20	\$27	\$
25	2.20	18	145	20	1.80	14	110
35	3.20	27	200	30	2.70	23	180
35	3.20	27		30	2.70	23	
30	2.70	23		25	2.20	18	
35	3.20	27	200	30	2.70	23	180
30	2.70	23		25	2.20	18	
40	3.50	32		35	3.20	27	
30	2.70	23		25	2.20	18	
30	2.70	23	180	25	2.20	18	145

**MAM. GRIMES GOLDEN**, originated in Kentucky, resembles Grimes Golden, larger, more acid; splendid quality, good cooking apple, good keeper. Well worthy extended trial. CS

**Jenitron** (Rall Janet), medium sized, striped, dull red, very good quality; requires good culture. C

**\*SENATOR** (Trade-Mark), brilliant rich red; one of the most beautiful of apples, of highest quality, strong grower, hardy, healthy, young and regular bearer. NCS

I have this Easter Sunday eaten a Senator apple that has been off the tree more than 1 1/2 years, kept in an ordinary cellar. It is certainly a long keeper, as well as a beauty.—J. Milton Fenwick, Delaware Co., Ind. A fruit grower of Darby, this valley, has 800 of your Senator trees. They promise to be very valuable. This apple is being highly praised.—R. Parkhurst, Flathead Co., Mont.

Have 800 trees of Senator bearing. This is the apple for Montana, superior as a money maker to any other. McIntosh must be sold about as soon as picked, but Senator can be held in cellar till best prices can be had. Sold my McIntosh at \$1.75, by storing Senator two months got \$2.35 for them. Senator is hard to beat.—W. J. Sawyer, Yellowstone Co., Mont.

**Coffelt** (Improved Limbertwig), dull red, much larger than old Limbertwig; less valuable than Champion. CS

**\*Nero**, medium size, firm, good keeper, excels Minkler. NCS  
Nero has come to stay; better, harder than Minkler which it resembles in tree and fruit only it is a brighter red.—H. M. Dunlap, before Ill. Horticultural Society.

Nero is the best of the Romanite class, to which belong Little Romanite (Gilpin), Large Romanite (Pennock), York Imperial, Minkler, and others. It is a better grower than others of this class and is a remarkably good keeper.—E. H. Riehl, in Colman's Rural World.

**\*BLACK BEN** (Trade-Mark), solid rich, bright red. One of the most beautiful apples in existence; firm, moderately juicy, better quality than Ben Davis or Gano; a splendid keeper; much the best of all the Ben Davis family. NCS

Have just refused an offer of \$2.25 per box from a New York dealer for a carload of Black Ben. **Later:** Sold Black Bens on New York market the other day for \$3.00 per box, Jonathan only brought \$2.00. Just had a pleasant call from Mr. M. O. Tibbits, Pres. of the Wenatchee Apple Growers' Ass'n. He said: "Have a block of Black Ben which commenced to bear at three years of age and have borne every year. This year they are 8-yr.s old and averaged 10 boxes to the tree, bear heavier than the Red Ben Davis."—H. Woods Commission Co., Per C. W. Wilmeroth, Treas. Black Ben o. k., one of our very best, large, highly colored and flavor far better than Gano or Red Ben Davis.—R. A. Rollins, Flathead Co., Mont. The handsomest apples I have ever seen.—Mac Alexander, Mifflin Co., Pa. Black Ben about the only apple that bore well this year of frosts.—H. S. Borou ghs, Yakima Co., Wash.

**Huntsman's Favorite**, large deep yellow, sometimes blushed; good quality and sells well, but subject to rot and scab, tree not a young bearer. CS

**CHICAGO** (Trade-Mark), medium to large, dark red; splendid quality, an excellent long keeping variety. NCS

Chicago is a wonderful apple. We hardly appreciated it until it came into abundant bearing. The apple is good and fresh as a dessert apple, and superior for cooking. The tree is an abundant bearer here; fruit is very fine, large, highly colored, handsome, and without a blemish.—Luther Burbank, "The Wizard of Horticulture," Sonoma Co., California.

[We consider King David so far ahead of Chicago that we have almost ceased propagating it. As good as Chicago is, we would prefer to plant heaviest of Delicious and King David. Because we cease propagating a sort does not mean that it is without merit, but rather we have something we know to be better. Our aim is to propagate and push only the best of the very best.—W. P. Stark]

**Willow Twig**, pale red striped, not high quality, but a long keeper; succeeds best on white oak ridges of the central states. We prefer Champion. CS

**Springdale**, red, striped darker red, firm, solid, fine grain, good flavor; tree a rapid upright grower, very healthy. CS

**\*Winesap**, dark red, rich flavor, hardy but poorly rooted needs rich moist soil and good culture. One of the most popular late varieties south and west, fine keeper. With age apples run small; Stayman Winesap superior. NCS

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$	40¢	\$3.50	\$32	\$	35¢	\$3.20	\$27	\$
35	3.20	27	200	25	2.20	18	120	20	1.80	14	110
45	4.00	35	280	35	3.20	27	200	30	2.70	23	180
45	4.00	35		35	3.20	27		30	2.70	23	
40	3.50	32		30	2.70	23		25	2.20	18	
45	4.00	35	280	35	3.20	27	200	30	2.70	23	180
40	3.50	32		30	2.70	23		25	2.20	18	
45	4.00	35	280	35	3.20	27	200	30	2.70	23	180
40	3.50	32		30	2.70	23		25	2.20	18	
55	5.00	40		45	4.00	32		35	3.00	27	
40	3.50	32		30	2.70	23		25	2.20	18	
40	3.50	32	265	30	2.70	23	180	25	2.20	18	145





The originator and original tree of Stark Delicious. This tree has borne twenty successive crops without one failure and has withstood 40 degrees below zero.



A seven-year-old Delicious tree in the Bailey Orchard, Chelan Co., Wash. One hundred of these trees earned \$2000 for their owner this year.

#### 1-Year

3 to 5 feet				2 to 3 feet			
Each	10	100	1000	Each	10	100	1000
40¢	\$3.70	\$32	\$265	35¢	\$3.20	\$27	\$200

## APPLE, Continued

**\*DELICIOUS** (Trade-Mark), almost covered with dark brilliant red; quality is the very finest we have ever known in any apple; tree strong, upright grower, very hardy and a heavy bearer. Fruit hangs well, keeps well, bruises dry up instead of rotting. NNCS

The finest apple in the world.—Burbank.

“Hangs as well as Ben Davis, keeps as well, is as good a shipper (instead of decaying, bruises dry up like Ben Davis), as large, of finer color, as strong a grower, hardier, bears as young and every year. Have never seen a man taste it but says it is the best apple he ever saw. Cooks easily, requires no sugar. Once introduced there will be but little call for Jonathan. If it is not a better apple than any you have in your large list it will cost you nothing. Am nearly 70, have raised apples all my life and would not willingly overestimate Delicious for 40 such apples.” So wrote the venerable originator, Jesse Hiatt, of near Des Moines, Ia., when first sending us samples of Delicious. We found them extraordinarily fine looking, and in quality surpassing even Senator and Jonathan. But the next year he sent us two barrels—at once the most beautiful and most delicious apples we have ever seen—no pear more delicious.

Am glad you are making extra effort to disseminate Delicious. Have always told you I considered it the best of all varieties you have introduced.”—Col. G. B. Brackett, U. S. Pomologist. Later:—Everywhere I have seen it in various parts of the country, still retains its excellent flavor.

Delicious is highly commended by those who have it in bearing for its noble appearance and its almost unequalled excellence. Quality far above usual kinds. Can be eaten by people with delicate stomachs and will seem better and better the longer one eats them.—Hon. Parker Earle, Chaves County, New Mexico.

Delicious is the best flavored apple I ever tasted.—A. J. Mason, Pres. Hood River, Oreg., Apple Growers' Union.

**Do Not Plant Poor Varieties.**—The Delicious apple is a surprise to me; “The proof of the pudding is in the eating.” There are thousands of acres of poor varieties set out in this valley, and they will find it out a few years hence.—A. R. Teeple, Chaves County, N. Mex.

Your color reproduction of Delicious is fine, but the apple now on my desk is more richly colored and would have made a prettier picture. Mr. Jordan sent me a dozen Delicious and they have set this community on fire. It is not necessary for us to experiment with other varieties, because these apples grew 17 miles from my office. They are superior to anything I have ever seen, both in color and flavor. This valley, six years from now will be known all over the United States as “the valley where the Big Horn Delicious grow.”—J. L. Lewis, Big Horn Co., Wyo.

Delicious and Black Ben stood the past winter; buds of several other varieties killed back. Delicious better than McIntosh for this country.—W. J. Sawyer, Yellowstone Co., Mont.

#### 2-Year and 1-Year

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$	40¢	\$3.70	\$32	\$275	35¢	\$3.20	\$28	\$230



•The best things are never overdone. Therefore do not be afraid that you will over supply the markets of the world with the best fruits.'

1-Year

3 to 5 feet				2 to 3 feet			
Each	10	100	1000	Each	10	100	1000
35¢	\$3.20	\$27	\$200	30¢	\$2.70	\$23	\$180

## APPLE, Continued.

2-Year and 1-Year

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
45¢	\$4.00	\$35	\$280	35¢	\$3.20	\$27	\$200	30¢	\$2.70	\$23	\$180

**\*CHAMPION** (Trade-Mark), striped and shaded bright red; very young bearer, long keeper, a very valuable sort. As a winter apple, especially south, has hardly an equal. NCS Have just seen some very fine Champion, nine year trees, loaded—not failed since begun bearing, five successive crops; most beautiful apples. In demand for cold storage. Will be fine for May and June markets. The best money maker except early apples for this country. If all the Ben Davis and Winesap in this part of Ark. were Champion they would be worth 50% more.—From notes taken in northern Ark., by C. M. Stark in 1896.

Champion, Ingram and Black Ben are giving great satisfaction to the owners this year.—Hon. Parker Earle, Chaves Co., N. M.

Champion gives a fine crop each year of smoothest apples in the orchard; sells for 75c. per barrel more than Ben Davis, M. B. Twig or Winesap, and it out-bears and out-pays all others I have tried.—L. S. Weber, Washington Co., Ark.

Champion is a young bearer, fruit of uniform size and its fine keeping qualities makes it a very valuable apple. I have kept specimens in a brick cave until July.—B. F. Carroll, Lancaster Co., Neb.

30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

**\*Ingram**, pale red, striped crimson, fine grain, tender, but often small, and lacks acidity. Giant Jeniton better. CS

Fruit is borne all through the tree, does not bear in clusters, does not rot or speck; good quality, recommended for commercial planting.—Illinois Experiment Station.

40 | 3.70 | 32 | 265 35 | 3.20 | 27 | 200

**\*GIANT JENITON** (Trade-Mark), identical in quality with old Jeniton, but 50% larger, and much better color. Tree hardy, vigorous and sure bearer. One of the latest bloomers; succeeds wherever Jeniton or Ingram flourishes, and even further north. NCS

Giant Jeniton is hard as a rock, of good medium size, a perfect apple and a late keeper. Resembles Ingram, but larger, smoother and better in every way; a late bloomer.—G. A. Grass, Perry Co., Ind.

40 | 3.50 | 32 | 265 30 | 2.70 | 23 | 180 25 | 2.20 | 18 | 145

50 | 4.50 | 40 | 330 40 | 3.50 | 32 | 265 35 | 3.20 | 27 | 200

## DWARF APPLE.

For the garden or small yard where standard apple trees take up too much space dwarfs may be planted; they bear quickly, have low, broad heads and fruit can be easily picked. They can also be planted much closer than the standard tree. We do not recommend dwarfs for commercial planting, standards should be used by all means. We offer the following sorts on Doucin or Paradise stocks:

**King David, Liveland Raspberry, Banana, Delicious.**

Price: \$1.00 each; \$9.00 for 10; \$80.00 per hundred.

**FLORENCE CRAB.**—Originated by the late Mr. Peter M. Gideon, of Minnesota. The most valuable crab ever fruited. In writing us, Mr. Gideon said: "Hardest tree of all, young and profuse bearer. When in full fruit the most ornamental tree we grow. Quality of Florence for sauce is delicious.

**In Iowa.**—A Florence crab tree from Stark Bro's three years ago is literally full. I have indeed had the best of success with stock from that nursery. It is, in my opinion, all nonsense to say that northern grown trees are superior in hardness to theirs. Northern stock certainly has, to say the least, more liability of being damaged by the winter than trees grown further south.—E. B. Heaton, Ringgold Co., Ia., in Colman's Rural World.

## CRAB

Crabs are very hardy and succeed in nearly every soil and climate. Every orchard should contain at least a few trees.

**Whitney**, striped carmine; juicy, pleasant flavor; fairly good bearer, vigorous grower; not equal to Florence. NNCS

**\*STARK FLORENCE**, (Little Lady Apple Crab), striped and mottled crimson and yellow; most profitable of all crabs; youngest bearer, most prolific; dwarfish grower, immense bearer; superb for jellies, preserves or cider. NNCS

Broad stripes of bright red on creamy yellow ground; tree vigorous and hardy, very productive; a valuable variety for market and home use.—Michigan Experiment Station.

Very desirable for commercial planting because the trees commence bearing very young; reliable croppers and very prolific; very attractive in appearance and of good quality.—"The Apples of New York."

**\*MARTHA**, bright yellow, shaded light red; excellent for cooking; of iron-clad hardness. NNCS

**\*Transcendent**, bright red, agreeable flavor; tree vigorous, immensely productive. NNCS

**Hyslop**, deep crimson, very large for a crab; inclined to blight; more satisfactory west than east. NNCS

**\*DARTMOUTH**, dark crimson and orange; good quality and fine for cider; tree very rapid grower, young and heavy bearer. NNCS

2-Year and 1-Year

XXX				XX				X			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
40¢	\$3.70	\$32	\$265	30¢	\$2.70	\$23	\$180	25¢	\$2.20	\$18	\$145
50   4.50   40   330	40   3.70   32   265	35   3.20   27   200									
40   3.70   32   265	30   2.70   23   180	25   2.20   18   145									
40   3.70   32   265	30   2.70   23   180	25   2.20   18   145									
40   3.70   32   265	30   2.70   23   180	25   2.20   18   145									
50   4.50   40   330	40   3.70   32   265	35   3.20   27   200									



# ANJOU, A GREAT PEAR

**Always in Good Demand.**—We consider Anjou one of our best pears probably coming next to Bartlett as a money maker. While it does not bring as high prices as Comice, it is a very satisfactory pear and always in good demand.—Prof. Claude I. Lewis, Ore. Exp. Station, Feb. 2, 1908.

**Leads All Others.**—Anjou is very little behind Bartlett. It is a heavy cropper, good keeper and of excellent flavor. For a money maker Anjou will lead all others.—L. B. Warner, Jackson Co., Ore., Feb. 9, 1909.

**Is a Money Maker.**—Anjou is a fine pear. The tree is a strong grower, not so likely to blight as many varieties. It brings a fancy price and is a money maker after once in full bearing.—Capt. J. H. Shawhan, Canyon Co., Idaho.

**Has Always Pleased.**—Californians have been growing this pear a long time, but only in a moderate way. It is large enough for market purposes, has good color and the flavor is excellent. I have known this pear for over 40 years and it has always pleased me.—Prof. H. E. Van Deman.

**More Hardy Than Bartlett.**—Anjou is preferred by some to the Bartlett, though not so early a bearer. The tree, however, is more hardy. It ripens about a month later, and it sold for \$1.00 per box more in Chicago last fall.—Wm. Cutter, Mesa Co., Colorado.

**Gives Excellent Returns.**—Anjou is a variety that is demanded largely on the market and gives very excellent returns in Idaho orchards.—Prof. J. R. Shinn, Horticulturist Idaho Experiment Station, Feb. 13, 1909.

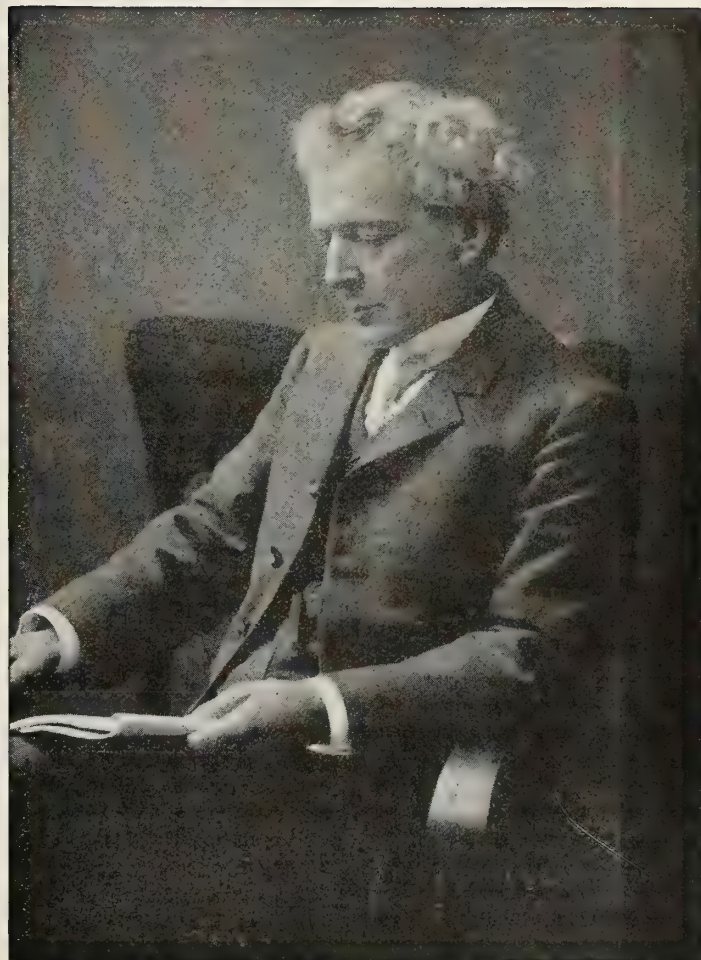
**Outsold Bartlett.**—As a commercial variety, we consider Anjou the best pear raised. Our growers here are well pleased with the returns from their Anjou trees. A great many of these pears have been planted during the past two years. All outsold Bartlett on the New York market from \$2.00 to \$2.50 per box last year, some cars bringing as high as \$5.00 per box.—H. G. Fletcher, Cashier Grand Junction, Colo., Fruit Growers' Ass'n.

## Worthy of a Place

—I consider Anjou one of the best of its season. It is of good size and excellent quality. It begins to ripen in October and if carefully handled it sometimes keeps until midwinter. The tree is hardy, bears well and in every way is worthy of a place in every pear orchard.—Hon. G. B. Brackett, U. S. Pomologist.

## One of the Best.

—Anjou is one of the best commercial pears in this country. It is fine size, firm, of good quality, comparatively free from blight and produces fine crops.—Hon. Silas Wilson, Canyon Co., Idaho, Feb. 1, '09.



Santa Rosa, Calif., December 12, 1908.

Mr. W. P. Stark,

Stark Bro's Nurseries & Orchards Co., Louisiana, Mo.

Dear Mr. Stark:—

I wish to report to you on some of the apples of which you sent me grafts a few years ago. The "Delicious" is correctly named. It is the Best in Quality of Any Apple Which I have So Far Tested.

The "Chicago" is a wonderful apple. We hardly appreciated it until the trees came into abundant bearing. The apple is good and fresh as a dessert apple and superior for cooking. The tree is an abundant and regular bearer here. The fruit is very fine, large, high colored and handsome, and without a blemish.

You sent me also, "Jonathan" and "Black Ben Davis." Of these I do not so much care for our climate here, but the two above named apples, the "Delicious" and "Chicago," are gems.

Yours very truly,

(Signed) Luther Burbank

Later, Feb. 24, 1909: Delicious keeps about as long as any we have, and longer than any other good apple.





A full train load—31 cars—of Stark trees leaving our nurseries March 8th. Several of the rear cars do not show. This train load represented a money value of nearly \$100,000.00. Few nurseries sell this much stock in an entire year, yet we shipped two train loads during the week of March 8. The man in the foreground is B. S. Carrick, general agent Clover Leaf-Alton R'y who has handled more nursery stock shipments than any railroad man in the U. S.

#### 1-Year

3 to 5 ft				2 to 3 ft			
Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$	40¢	3.50	\$32	\$
40	3.50	32	250	30	2.50	23	180
40	3.50	32	250	30	2.50	23	180
40	3.50	32	250	30	2.50	23	180
40	3.50	32		30	2.50	23	
40	3.50	32		30	2.50	23	
50	4.50	40		40	3.50	32	
50	4.50	40		40	3.50	32	
50	4.50	40	330	40	3.50	32	250
50	4.50	40	330	40	3.50	32	250
40	3.50	32	250	30	2.50	23	180
50	4.50	40	330	40	3.50	32	250
50	4.50	40		40	3.50	32	

## PEAR, Standard.

\***Manning Elizabeth**, small, very sweet, sprightly, melting, perfumed, excellent, fine dessert fruit. NCS

\***Koonce**, handsome, good quality, sure and dependable, does not rot at core, seldom blights; very hardy. NCS

**Wilder Early**, greenish yellow with brownish red cheek, great bearer, buttery, very fine. NCS

\***Stark Tyson** (Summer Seckel), (Stark Select Strain) small yellow, russeted, fine, texture melting, juicy, high quality. We propagate from a strain grown by Mr. Henry Wallis, St. Louis County, Missouri; larger and much better than old Tyson. NCS

**Alamo**, a splendid dessert pear; good quality, valuable. CS

**Clapp Favorite**, large, hardy, vigorous; not high quality. NCS

\***SNYDER**, medium to large, deep golden yellow, buttery, rich, satisfying; tree vigorous, productive, remarkably free from blight. NCS

\***Boussock**, large, good quality, vigorous; splendid market sort. A profitable late summer pear. NCS

\***Bartlett Hybrid**, resembles old Bartlett; tree a better grower, younger bearer, fruit larger but hardly as good quality; tree hardy, healthy, thrives where Bartlett will not stand. NCS

\***Bartlett**, rich yellow when ripe, sometimes blushed, pleasant; strong grower, young bearer, fine quality. NCS  
From 70 Stark Bartlett I sold \$700.00 worth of fruit last year; gathered 650 pounds from one tree.—H. C. Day, Graham Co., Idaho.

\***Lincoln** (True Lincoln of Illinois, not Lincoln Coreless), large beautiful yellow, often blushed, very high quality, one of the best. Remarkably free from blight. NNCS

**Flemish Beauty**, large, beautiful, sweet, very hardy; needs sunny situations, otherwise scabs and cracks. NCS

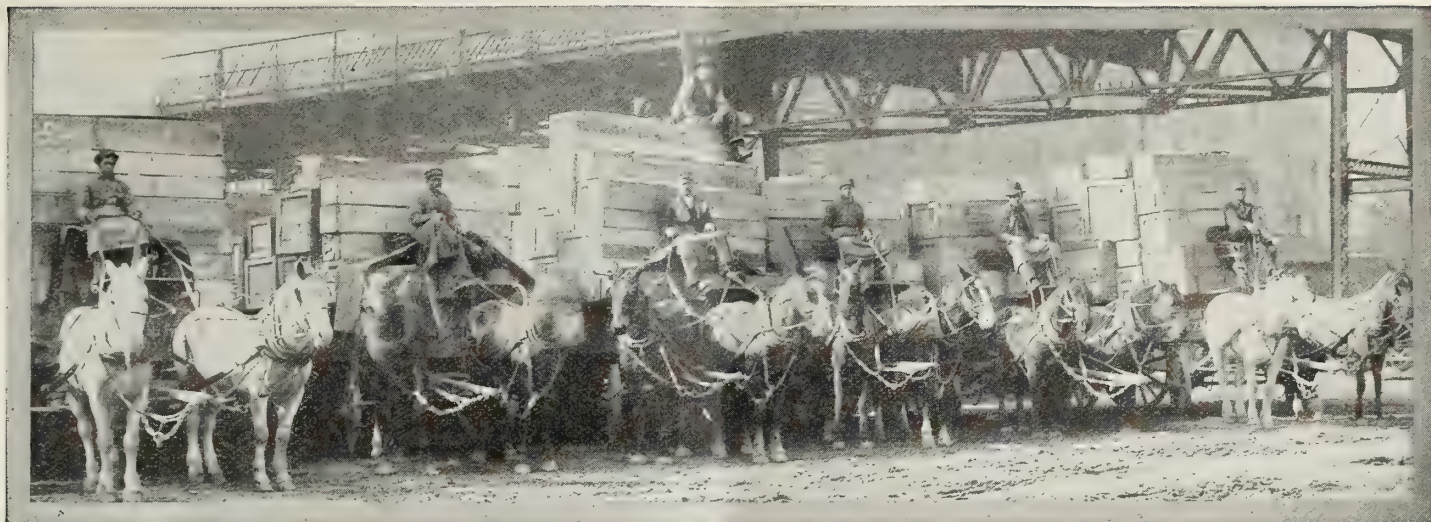
**Ozark**, greenish yellow, large, mild, sub-acid; good. CS

**Howell**, a grand fruit; its value underestimated, pale yellow. Tree vigorous upright grower, young bearer. NCS  
A good commercial pear. One of the best of the old sorts.—Hon. Silas Wilson, Canyon Co., Idaho

#### 2-Year and 1-Year

XXX, 5 to 7 ft				XX, 4 to 5 ft				X, 3 to 4 ft			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
75¢	\$7.00	\$65	\$	65¢	\$6.00	\$55	\$	50¢	\$4.50	\$40	\$
55	5.00	45	350	45	4.00	36	300	35	3.00	27	200
55	5.00	45	350	45	4.00	36	300	35	3.00	27	200
55	5.00	45	350	45	4.00	36	300	35	3.00	27	200
55	5.00	45		45	4.00	36		35	3.00	27	
55	5.00	45		45	4.00	36		35	3.00	27	
55	5.00	45		45	4.00	36		35	3.00	27	
75	7.00	65	500	65	6.00	55	450	55	5.00	45	350
75	7.00	65	500	65	6.00	55	450	55	5.00	45	350
75	7.00	65	500	65	6.00	55	450	50	4.50	40	330
75	7.00	65	500	65	6.00	55	450	50	4.50	40	330
55	5.00	45	350	45	4.00	36	300	35	3.00	27	200
75	7.00	65		65	6.00	55		50	4.50	40	
75	7.00	65		65	6.00	55		50	4.50	40	
75	7.00	65	500	65	6.00	55	450	50	4.50	40	330
75	7.00	65	500	65	6.00	55	450	50	4.50	40	330





The Only Way Transfer Co., Kansas City, Mo., handling Stark Trees for the Clover Leaf-Alton Route. This picture shows them transferring five car loads of Stark trees. They were handled in four hours. This is just an example of the quick service the railroad companies give us when handling our stock. Railway Companies understand that nursery stock is perishable and they lose no time.

#### 1-Year

3 to 5 feet				2 to 3 feet			
Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$330	40¢	\$3.50	\$32	\$250
50	4.50	40	330	40	3.50	32	250
40	3.50	32	250	30	2.50	23	180
50	4.50	40	330	40	3.50	32	250
40	3.50	32	250	30	2.50	23	180
1.00	9.00	80		90	8.00	70	
40	3.50	32	250	30	2.50	23	180
75	7.00	65	550	65	6.00	55	450
50	4.50	40	330	40	3.50	32	250
40	3.50	32	250	30	2.50	23	180

## PEAR, Continued

\***Rosney**, yellow with crimson blush. Very strong grower, hardy, productive, delicious; very handsome. NCS

\***Stark Seckel** (Riehl's select strain), yellowish brown, small, but of finest flavor; hardy, seldom blights. NCS

\***Garber**, large, fair quality, hardy, very rapid upright grower, usually free from blight, very productive. CS

Japan Golden Russet, large, yellow, perfectly round, entirely covered with russet, firm, pleasant flavor, excellent for canning and preserving; quite free from blight. NCS

\***FAME** (Trade-Mark), one of the most delicious of pears, large greenish yellow, strong thrifty grower, young bearer. Few seed and very small core. NCS

\***Vermont Beauty**, pale yellow, slightly blushed in sun; sweet; valuable. NCS

Birkett, medium size, dull green; not very attractive, but tree never known to be injured by blight; fair quality. NC

Beurre Bosc, deep yellow, some russet, buttery, rich, highest quality, large, handsome. Double worked on Kieffer. NCS

\***Duchess** (Angouleme), large, rich, vinous, dependable cropper, often bears first season after planting, should always be grown as dwarf. NCS

\***COMICE** (Duc De Comice), fine, yellow, faint crimson blush, aromatic; long keeper. NCS

It begins to look as if there is to be no end of the possibilities of the Comice Pear in the Rogue River Valley. Returns from a mixed car of Comice and other varieties consigned to a New York firm show 589 half boxes of Comice which sold readily at public auction at \$4.00 per half box, or \$8.00 per box straight, a price far beyond anything ever before realized for pears.—Wenatchee (Wash.) Republic.

\***Worden-Seckel**, yellow often with bright red cheek; seedling of Seckel, more beautiful, larger, better keeper, flavor equal to Seckel. NCS

\***Rutter**, large yellow with russet; tender, sweet, satisfying, hardy; bears young, very few seeds. NCS

#### 2-Year and 1-Year

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
75¢	\$7.00	\$65	\$500	65¢	\$6.00	\$55	450	50¢	\$4.50	\$40	\$330
75	7.00	65	500	65	6.00	55	450	50	4.50	40	330
55	5.00	45	350	45	4.00	36	300	35	3.00	27	200
55	5.00	45		45	4.00	36		35	3.00	27	
75	7.00	65	500	65	6.00	55	450	55	5.00	45	350
55	5.00	45		45	4.00	36		35	3.00	27	
55	5.00	45	350	45	4.00	36	300	35	3.00	27	200
1.25	11.00	90		1.00	9.00	80		90	8.00	70	
55	5.00	45	350	45	4.00	36	300	35	3.00	27	200
85	8.00	75		75	7.00	65		65	6.00	55	
65	6.00	55		55	5.00	45		45	4.00	35	
55	5.00	45		45	4.00	35		35	3.00	27	



# 1-Year

# PEAR, Continued.

# 2-Year and 1-Year

3 to 5 feet				2 to 3 feet				*
Each	10	100	1000	Each	10	100	1000	
75¢	\$7.00	\$65	\$	65¢	\$6.00	\$55	\$	
75	7.00	65		65	6.00	55		
60	5.50	50	400	50	4.50	40	300	
40	3.50	32	250	30	2.50	23	180	
65	6.00	55	450	55	5.00	45	350	
35	3.00	27	200	25	2.20	18	145	
50	4.50	40	300	40	3.50	32	265	
50	4.50	40	300	40	3.50	32	265	
50	4.50	40	300	40	3.50	32	265	
65	6.00	55		55	5.00	45		

**RIEHL BEST**, large, uniform, smooth; vigorous and healthy; free from blight; in quality nothing better. NCS

\***CLARKSVILLE**, original tree 85 years old, from Judge Stark's nursery, has never blighted, high quality, valuable. NCS

\***Anjou**, large, handsome, juicy, excellent quality, strong grower, with proper care can be kept until the holidays. NC

Lawrence, greenish yellow with russet markings; sweet and good; moderate grower, long lived, rarely blights. NC

\***EASTER BEURRE**, yellowish green with some russet, often dull reddish cheek. Fine grain, buttery, juicy, excellent flavor when well grown and ripened; strong grower. CS

One of the latest keepers of all pears and always brings a good price when about all others are gone. It is very fair quality, perhaps the best of any late keeping variety.—Prof. H. E. Van Deman.

\***Kieffer**, large golden yellow, a wonderful cropper, fair quality, excellent for canning, baked Kieffer delicious; usually free from blight. One of the greatest money makers among pears. Advisable to mix in about ten per cent Garbers as pollenizers rather than plant in solid blocks. NCS

\***JONES WINTER**, greenish yellow, slightly russeted; fine keeper, very free from blight; of fine appearance, good quality. CS

\***KING KARL**, seedling of Clairgeau; very large, rich, juicy, firm, melting, excellent; almost free from blight. NCS

King Karl the best pear for this section.—W. H. Scott, Laclede Co., Mo.

\***TRIUMPH**, one of the best winter pears; good keeper, high quality; tree vigorous, prolific. NCS

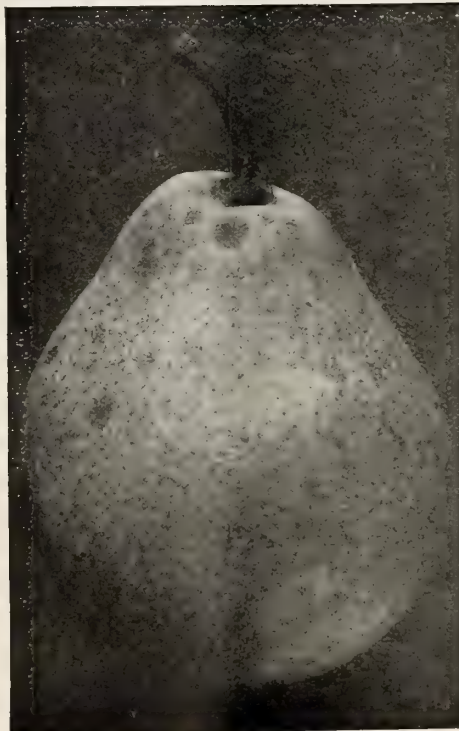
**WINTER NELIS**, yellowish green with russet, fine grain, buttery, aromatic; tree very hardy and thrifty, and bears regular crops; good keeper, valuable. NCS

Very heavy cropper, long keeper; very profitable to grow.—L. B. Warner, Jackson Co., Ore., Feb. 4, 1909.

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 3 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
85¢	\$8.00	\$75	\$	75¢	\$7.00	\$65	\$	65¢	\$6.00	\$55	\$
85	8.00	75		75	7.00	65		65	6.00	55	
70	6.50	60	500	60	5.50	50	400	50	4.50	40	300
55	5.00	45	350	45	4.00	36	300	35	3.00	27	200
75	7.00	65	500	65	6.00	55	450	50	4.50	40	330
45	4.00	35	300	35	3.00	27	200	25	2.00	18	140
75	7.00	65	500	65	6.00	55	450	55	5.00	45	350
75	7.00	65	500	60	6.00	55	450	55	5.00	45	350
75	7.00	65	500	65	6.00	55	450	55	5.00	45	350
75	7.00	65		65	6.00	55		55	5.00	45	



Kieffer

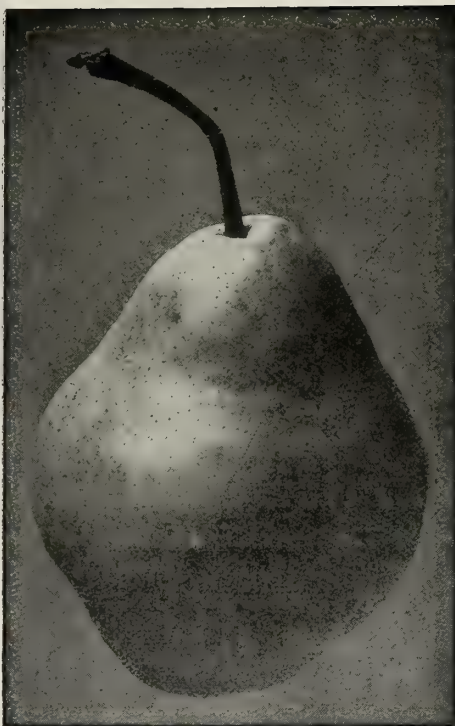


Clarksville  
24



Duchess

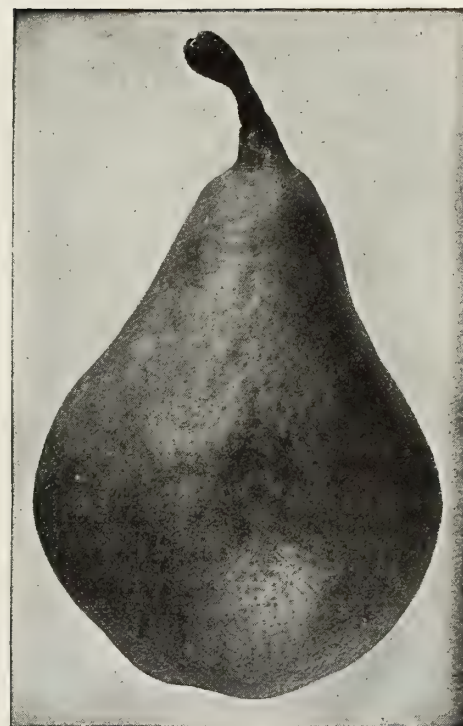




Bartlett



Lincoln



King Karl

We consider Lincoln (true Lincoln of Ill., not L. Coreless, the old Pound pear) and Snyder two very valuable pears—almost entirely free from blight; hardy, good growers, good bearers and fruit of good quality.

**Jones Winter Pear:** "Origin uncertain; has grown in Illinois for many years. Noted for heavy bearing, freedom from blight, and good keeping qualities. Fruit large, of finest appearance, keeps equally as well as Kieffer, but juicy, tender, of good quality."—W. E. Jones, Logan Co., Illinois.

Our Lincoln orchard has produced its second crop and I want to express my satisfaction. Trees have a bright green foliage, wood hardier even than Crab Apple—did not Winter kill or blight, even though other varieties about them are failing; fruit all that commercial growers need ask for; keeps remarkably well for a summer pear. We get \$2.00 per bushel and find a ready market.—Jas. Honselman, Platt Co., Ill.

## PEAR, Dwarf.

**Manning Elizabeth**, good either Standard or Dwarf. NCS

**Clapp Favorite**, good Dwarf, but apt to blight. NCS

**Bartlett**, fine either Standard or Dwarf. NCS

**Howell**, especially fine as Dwarf. NCS

Hardier than Duchess and I prefer it to any other grown as a dwarf. The size and appearance of the fruit will always sell it at high prices.—Wm. Cutter, Mesa Co., Colo.

**Seckel**, succeeds well either Standard or Dwarf. NCS

**FAME**, fine as Dwarf, even better than Standard. NCS

**Duchess**, should always be grown as Dwarf. NCS

**EASTER BEURRE**, especially fine as Dwarf.

**Anjou**, valuable as Dwarf. Most profitable. NCS

**Comice**, very fine as Dwarf. Commands top prices. NCS

**KING KARL**, made great record as Standard and Dwarf. NCS

**TRIUMPH**, one of the best either Standard or Dwarf. NCS

## 2-Year

XXX					XX					X				
Each	10	100	1000		Each	10	100	1000		Each	10	100	1000	
60¢	\$5.50	\$50	\$		50¢	\$4.50	\$40	\$		40¢	\$3.50	\$30	\$	
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
30	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
50	4.50	40	300	40	3.50	32	265	30	2.70	22	185			
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
75	7.00	65	550	65	6.00	55	450	55	5.00	45	350			
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			
60	5.50	50	400	50	4.50	40	300	40	3.50	30	265			

**King David** a very rich red, makes a most beautiful apple, hangs on the tree well, equal to Ben Davis, and just as productive; quality is equal to Spitzenburg. Picked about three boxes from one scion grafted on Ben Davis. It is the finest apple you have for this part with Black Ben second, and Delicious third. Have heard nothing but King David all this season. Have had up to date, 52 parties at my place to see these apples.—F. Dando, Chelan Co., Wash.

**Clarkville Pear.**—A 59-year tree in Clarkville, Pike County, Mo., planted by E. B. Carroll in 1849, is bearing a full crop again this year—as it has done almost every year for more than half a century. A 72-year tree, grafted by the late Wm. Stark in 1836, is still bearing. Both trees are vigorous, healthy, and virtually free from blight—occasionally a blighted twig, but blight has never done them any serious hurt. Medium to large, pyriform, pale yellow; juicy, fine-grained, outery, melting, with a sweet, rich, fine flavor. The most delicious and dependable early winter pear.

**Riehl Best Pear.**—Probably an old French variety of which the name has been lost. Ten trees represent the remains of three large orchards planted 50 years ago—all other varieties dead—the ten Riehl Best are still large, vigorous and healthy, free from blight. Marketable early in September. In quality, nothing better. Entirely exempt from rotting at the core. Annual bearers of immense crops.

**Garber Tops the Market.**—I bought pears in the orchard in Tennessee and Kentucky in 1907. Garber was the most profitable, bringing \$4.50 per barrel—more than any other variety, even more than Duchess. Kieffer brought \$2.00 to \$2.25. In this region Garber is one of the very best payers. They always find a ready market and at a good price.—Robert Craig, Pike Co., Mo.

**Not a Dead Twig.**—Growing beside other trees that blighted badly, but Lincoln never showed the least sign of blight. Came through the winter without a dead twig; wish my apple trees had fared as well.—C. H. Swearingen, Henry Co., Iowa.





Block of 1-Yr. Cherry in Our Dansville, N. Y., Nurseries

### PROPAGATING FROM BEARING TREES.

Prof C. S. Crandall, of the University of Illinois, in an address before the Illinois Horticultural Society in 1908, made some timely remarks concerning propagation from bearing trees of known productiveness. For years this has been our custom; scions are taken only from bearing trees. As Prof. Crandall states, this is more expensive than the securing of buds, scions, etc., from the nursery row and from trees not known to be true to name, but the planter gets better value. Below we give a few extracts from his address:

Plants propagated by seeds can be kept up to the standard of varietal excellence only by careful selection of seeds. Can improvement, such as has been accomplished through seed selection, be brought about with equal facility in those plants commonly multiplied by buds, cuttings,



By the use of Stark Tree Digger, roots are not injured in the digging

offsets, runners and scions? The germ of the seed is in fact a bud, which, under right conditions and through the aid of food stored around it, is capable of providing itself with roots and developing into a plant like its parent. As Darwin says, "facts prove how closely the germ of the fertilized seed and the small cellular mass forming a bud resemble each other in all their functions, in their powers

of inheritance with occasional reversion and in their capacity for variation in obedience to the same laws."

It should be borne in mind that our best varieties of fruits are highly specialized—highly developed in the propagation of one part—the fruit. They are abnormal and far removed from the wild type, and the greater its departure from ancestral types the stronger is the tendency to revert back. It is an almost universal custom for the planter to buy his trees of the nurseryman. Propagation is almost exclusively in the hands of the nurseryman, but can the whole responsibility of bad methods of propagation be thrown upon his shoulders? I think not. Nurserymen cater to popular demand, and the popular demand is for cheap trees, therefore the aim of the nurseryman is to produce salable trees in the quickest way, at the lowest cost. There is a need of a campaign of education among planters. Only when the man who plants can be brought to the conviction that **quality is the all important factor**, that **quality means the backing of sound parents of known productiveness**, that **first cost is an insignificant factor**, and that he cannot afford to plant anything but the best, then he will demand the best and the nurseryman will produce it for him and be glad to do it. Of course, the cost will be greater because the labor involved will be greater, but the increase in the value is out of proportion to the increase in cost, and then we may confidently anticipate longevity and more uniform productiveness. Select scions not only from trees that are in full health and vigor, but from trees of known productiveness, that bear fruit true to the varietal type.

The market will never be overstocked with your leader of the world—Delicious. They are better than you ever claimed them to be; the finest eating apple man or woman ever tasted; no better grown; simply perfect. The tree is a splendid grower, very fine wood and shapely head. At this time, December 10th, much of its foliage is hanging on while all others are defoliated entirely.—Henry C. Cupp, Adams Co., Ill., proprietor Diamond C Fruit Ranch.



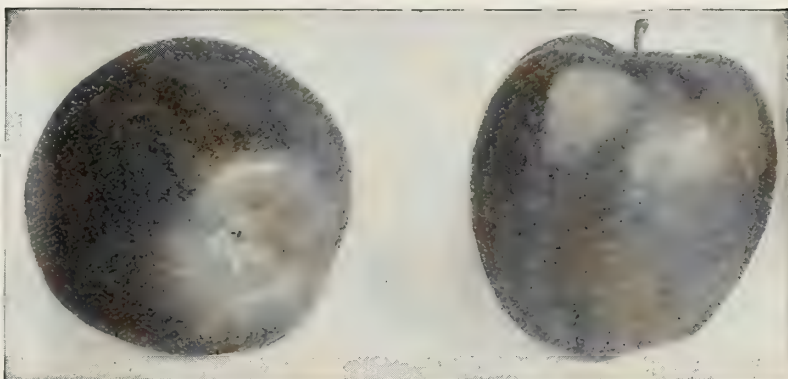


Anjou, Bartlett Orchard of Capt. J. H. Shawhan, of Canyon Co., Idaho. Capt. Shawhan says: I have had very good success growing Anjoupear. They are strong growers, beautiful trees when properly pruned and fruit is fine, always commanding a good price; they are less liable to blight than any other variety I have. They are not an early bearer, but I think the other good qualities more than make up for this. I have  $1\frac{1}{2}$  acres that last season netted me \$1,400.00. The trees are now 14 years old, and Mr. W. P. Stark will remember their size as he visited the orchard on his recent trip. I wish all my pear were Anjou.

**Delicious Apples in Europe.** Announcement is made by J. F. Pershing, of Chicago, who has just returned to Spokane from a tour of Europe, that he has arranged for the sale of \$450,000.00 worth of Washington apples in London, Liverpool, St. Petersburg, Berlin and Hamburg this year. Mr. Pershing sent 20 cars of apples grown along the Upper Columbia river to Europe last fall and received good prices. In speaking of this matter he says: "There is a vast field in Europe for the sale of American apples, and I believe that in the next few years Americans will sell most of the fruit throughout Europe. **Delicious** and Winter Banana are the chief favorites, but there is a good market for other varieties."—Southern Fruit Grower, March, 1909.

**KING DAVID** took the blue ribbon at the Ill. State Hort Society in '02 **The best apple** introduced in the last half century. **Surpasses** Jonathan and Grimes Golden in beauty and quality.

**King David** is the best grower of all, as large again as other sorts, a better grower than Senator, which I thought could not be beat. I think it the best, closely followed by Champion and Black Ben.—W. H. Scott, Laclede Co., Mo.



Delicious, an absolute king commercially; incomparable for dessert, with cream and sugar like peaches; a good cooking apple, but in the words of Dr. Warder, it is too good to cook.

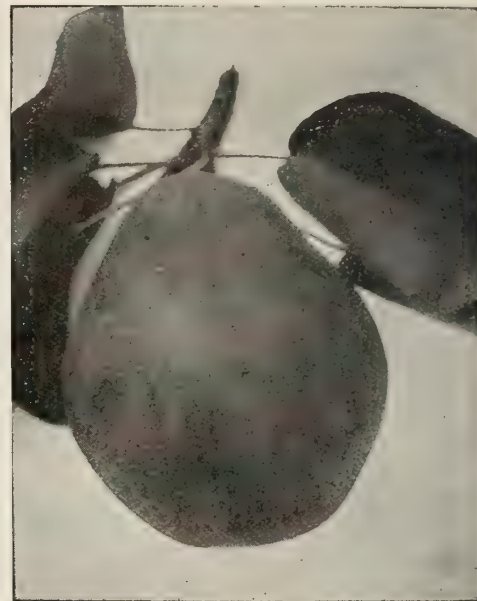




Comice Pear



Stark Tyson Pear



Garber Pear

### WHAT YOU SHOULD PLANT.

Throughout this list we carry a key following each description, indicating the region for which a sort is recommended thus: N, North—where Ben Davis apple trees stand, but Wild Goose plum trees often winter-kill. C, Central—where Wild Goose is hardy but peach trees are sometimes badly winter-killed, bearing about twice in five years. S, South—where peach trees are uninjured by cold, failures of crop usually being due to untimely frosts, or to freezes following warm spells. NN, north, also far north—where Ben Davis trees winter-kill. These divisions are not a matter of latitude merely, but depend upon altitude and other conditions. For instance, in our Denver orchards at an altitude of 5300 ft., not only peach trees but Wild Goose plums generally winter-kill, and even moderately hardy apple trees, M. Blush, etc., are often injured, particularly while young and making a vigorous growth. In the same latitude and altitude in Western Colo. the apricot, peaches, etc., flourish. The divisions as given, however, have a more or less similar climate, etc.

I have 400 Delicious trees in bearing. They are among the largest and hardiest of their age that I have seen. The fruit will rank with the very best grown in the Yakima Valley; large, well colored, good keeper, both a good cooking and eating apple and its flavor is unquestionably the finest of any apple grown in this valley. There is an apple grown here that is mistakenly called the Delicious. It resembles it somewhat, but is very inferior. I saw some of them on the market in North Yakima labeled Delicious. Some who have classified the Delicious as inferior have based their estimation on this apple and not on the genuine Delicious.—Arthur C. Vail, Yakima Co., Wash.

[Here is another argument why people should come to headquarters for Stark Delicious. Planters should put no confidence in a nurseryman who will not respect the trade marks of another firm. There are some bogus Delicious being sold in the west that will be a great disappointment to planters when they come into bearing.—Stark Bros.]

Have Delicious trees in bearing. They are the best apple in my orchard. Have Grimes Golden, Black Ben, Jonathan, Commerce, Stayman Winesap.—Rev. H. T. Gibson, Independence Co., Ark.

Delicious and Black Ben stood the past winter; buds of several other varieties killed back. **Delicious better than McIntosh** for this country.—W. J. Sawyer, Yellowstone Co., Mont.

For flavor Delicious is always ahead of all others. A fine grained, highly flavored altogether high-toned apple, ranking with Grimes and Jonathan—in some respects superior to either.—F. Newhall & Son, Chicago.

Delicious has proven a success with me; have been booming it for the past three years. At the State Farmers' Institute meeting the 26th of last June I exhibited Delicious apples as sound as when taken from the trees the previous fall.—R. A. Rollins, Flathead County, Montana.



Wilder Pear

Snyder Pear





Bartlett



Riehl's Best

Mr. E. H. Riehl of the Illinois Experiment Station, originator of Riehl's Best, and one of the best known horticulturists in the middle west, says: "Although the fruit is of large size and marketable early in September, it will hang on the tree if allowed to do so until after frost. In quality there is nothing better, being fine grained, juicy, free from grit and entirely free from rotting at the core. It is the best pear I have ever seen, all points considered."



Stark Seckel (Riehl's Select Strain)

**Delicious in Missouri.**—I have a number of 10-yr.-old Delicious trees and can truthfully say they are all and more than you claim for them. Strong, healthy, vigorous growers, with strong frost-resisting blooms. This last spring, 1908, which ruined apples everywhere, my Delicious bore a full crop. I believe Delicious as grown in northeast Missouri excels in flavor and deep all-over color the western grown fruit. All points considered, I believe Delicious and Stayman Winesap a fine investment for any Missouri orchard. Knowing the Delicious as I do, I have placed with you an order for 500 more trees and heartily wish I had room for more. I wish my whole orchard was in Delicious, Stayman Winesap, and a few Jonathan. I would hardly look for a crop failure then, and I am certain the market would be hunting me.—C. M. Fette, Marion Co., Mo., Vice-President Mississippi Valley Apple Growers' Association.

**Delicious in New York.**—Delicious fruited for the first time on our grounds this past season. We are very much pleased with it, especially as to quality.—Prof. U. P. Hedrick, Horticulturist N. Y. Experiment Station.

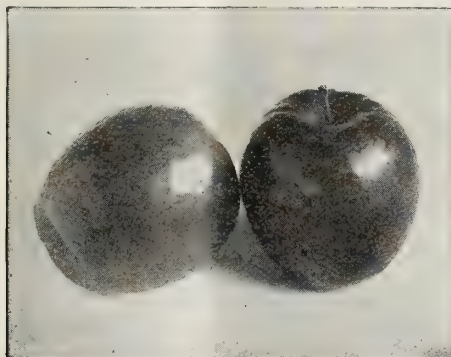
**King David and Delicious in New Jersey.**—King David trees planted in the spring of 1906 bore some magnificent apples last year. Delicious have not as yet come into bearing. Both varieties in our sandy soil of north N. J. have made a fine growth.—Bernard O. Bogert, Bergen Co., N. J.

**Stark Reputation Costs You Nothing, but it Guarantees Quality.**—When I wrote you for catalogue, my son and his partner, who own ranches here, said, "if you buy there, you will have to pay for reputation; there are cheaper trees in Nebraska nurseries." After seeing your prices they decided to order with me from you. A neighbor, who ordered from a nursery where he could buy cheaper, told me the other day, after looking at my Stark trees, "Stark Bro's will get my money after this."—W. C. Dunn, Wheeler Co., Texas.

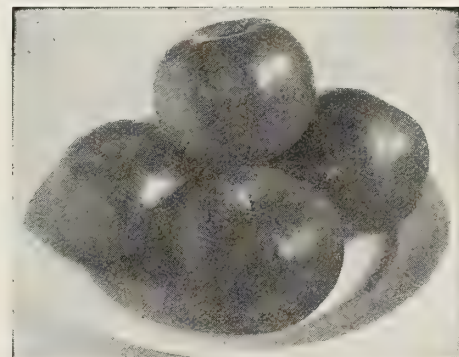
**True Catalogue Descriptions.**—I would advise anyone wanting nursery stock to send to Stark Bro's. Their catalogue tells truly which is hardy and which is productive. Am much pleased with my trees from them.—Jos. Dow, Lincoln Co., Maine.



Rome Beauty



Wilson Red June



Montana Red McIntosh



## WHOSE OPINION COUNTS?

Some interested parties, tree dealers and their friends, envious and jealous of the phenomenal and unprecedented record Delicious has made everywhere are vainly endeavoring to mislead orchard planters. Some of them realizing the wonderful demand for Delicious trees are furnishing trees labeled Delicious to some western planters. This will mean disappointment when trees come into bearing, for the true Delicious can be secured only from us. Rev. F. Walden, the great orchardist of the Yakima Valley, says he has been told of four strains of so-called Delicious. The true Stark Delicious can be seen growing to perfection in the orchard of Mr. A. C. Vail, North Yakima Valley.

To the business orchardist, to the man who is planting trees for profit we would ask whose opinion counts most. The unreliable and unscrupulous gentry who for mercenary reasons are decrying the Delicious and furnishing any trees they may have in stock or can buy labeled Delicious, or the opinion of men like the United States Pomologist, Col. G. B. Brackett, the former Pomologist, Prof. H. E. Van Deman, two of the greatest apple experts this country has produced, Hon. Luther



Roses—the way we grow them; note the fine roots.

Burbank, the most noted horticultural exponent, then the final test, the market, where Delicious sells for nearly twice as much as any other variety. Planters are requested to watch the great central distributing market, Chicago. Take the opinions of the Newhalls or Wilmeroth, the greatest experts known to the commercial apple trade. Add to all this the experience of thousands of apple growers everywhere, from every region, from every apple growing state. Does Delicious need any defense from us? All can be summed up in one sentence: "The Best Apple in the world." Do you, Mr. Orchardist, want a counterfeit or a substitute? If you do not, buy the true Delicious; come to headquarters.

**Timme Cherry:** Ripens about with Early Richmond but larger, better quality, better keeper. Mr. F. O. Harrington of Iowa Co., Ia., has had it for 16 years and says: "Hardier in tree and fruit bud than Early Richmond. In 15 years' fruitage not another variety has produced even nearly as many cherries nor fruited as many seasons." **Later**, June 26, 1908: "Timme is about the only cherry growing a full crop, with me, and they are loaded. The best all round cherry I know of. Tubbs has disappointed me time and again, never bore much; leaf much subject to disease."

We do not recommend the "sweet" cherries such as Bl'k Tartarian, Bing, Lambert, etc., for general planting east of the Rocky Mountains; they succeed only in favored localities and on dry soils. The hardest and best **sweet sorts** are Lambert, Bing, Napoleon, Royal Ann, Black Tartarian, Windsor.

**Montmorency** is extraordinarily prolific, hardy, worth all other cherries yet known. We propagate from five different strains of **fruiting trees**, all of the best types—the Monarch from Iowa; the Large from Dansville, N. Y.; the King from N. Y., but grown here for 20 years; the Sweet from a tree yearly flocked to by the children because of its sweeter cherries; the Stark from a selected tree which uniformly bears very large and late fruit. Another "Large Mont." rec'd from N. Y. and Ill., in 1881, is valueless here; 20-year trees have never yielded even a quart per tree, while the King trees of same age have never failed to bear good crops.



Tulip Tree Blossom

Our Constant Aim is to find out and grow the most worthy sorts; then to lay aside others less desirable. We have ever striven to find quality and value in new and untried varieties. One tree of each sort we have tested during the past decade would make a mighty orchard—but how few have proven of the required value is shown by the small list of first-choice sorts we offer. We have discarded a multitude—many of them good, but not good enough—no better in any important respect than others of their season. Occasionally one of real merit is found; after it has proven its worth in many orchards it is added to our list and recommended. By this method, our first-choice lists include improvements in almost every good quality throughout the entire round of fruits.

## VIGOR AND HARDINESS OF BLOOM MORE IMPORTANT THAN LATE BLOOMING.

For years I have watched the blooming time of apples. It is an interesting subject and I still give it more or less attention, but I have learned that while early or late blooming has its value, yet conclusions formed from one year are poor guides for the next. The time of blooming is not regular and is often influenced by local changes or soil conditions. Some seasons nearly all varieties will bloom at nearly the same time; some early bloomers will be a day or two earlier and the later bloomers will be late, but the real difference in time has little practical value.

For the last few years, the fact of early blooming has been given too much importance. Many people seem to think it the key to the entire situation, and the first question asked of some variety is, "does it bloom late?" From many years' observation I find that vigor and hardiness of bloom is a factor of far more importance. Some varieties will stand five or six degrees more of frost than others. The White Winter Pearmain is one of our early blooming varieties, yet no variety is more dependable for an annual crop. Maiden Blush is another old apple that spring frosts seldom injure, yet it is one of the first to show bloom.

Of the newer varieties, King David, Delicious, Paragon and Stayman Winesap have a fine, vigorous, frost-resisting bloom. They have escaped when many others were entirely killed. Had thought them about equally hardy, but this year, one of the severest I have ever known, *Delicious proved its superiority*; a fair crop on all the trees with temperature at 26 degrees at blooming time. King David and Stayman Winesap also have a fair crop, but not so good as Delicious. I am not sure that my Ben Davis or York Imperial trees, bore a single apple. The fact that an apple has hardiness of bloom to resist three to six degrees more of frost is of far more importance than the time of blooming.—Frank Femmons, Madera County, Calif., July 8, 1908.

**A Brilliant Red Grimes Golden.**—King David is new, but is making an excellent record so far as I have seen or heard of it in many sections both east and west. I have this winter seen and tasted some of the most delicious King David apples that one could want to taste, and their bright red appearance was very attractive. I believe it a mate of Grimes with a brilliant red skin. If so it is a gem—yes, a ruby. It has no special faults of tree or foliage so far as I know; fruit of good size, good shape and otherwise normal.—Prof. H. E. Van Deman, in Rural New Yorker.





One-Year Sweet Cherry; 5 to 6 ft. or extra; 3 to 5 ft., 2 to 3 ft. and mail size; on Mahaleb stocks.

### ABOUT CHERRY TREES.

We are the largest growers of cherry in this country. Magnificent blocks at Louisiana, Mo., and elsewhere; in fact we grow cherry in twelve places. While the majority of nurserymen are buyers instead of growers of cherry trees, we make their culture a leader in our nurseries. Our varieties are the best; from the long list of known sorts we have selected for propagation the ones that experience has taught us are the sorts that should be most largely planted. No fruit crop brings surer or better returns, and it is strange that they are not more largely planted commercially. They will thrive and produce under more careless cultivation than any fruit we know, yet, of course, they respond quickly to care and they should be cultivated until they come into bearing at least. On Mahaleb stocks they can be planted as closely as 12 feet, but it is better to plant them at least 16 feet using 170 trees to the acre. This applies to the sour cherries; sweet cherries should be planted 25 feet apart. One thing that must be carefully noted in planting a cherry orchard is its location. The old saying "cherry must have dry feet" is literally true. Probably no other fruit is so susceptible to injury by excessive moisture; but given a deep, warm, well drained soil no other crop can be grown with less expense; no fruit is in larger demand or sells more promptly. The "sours" are of wide adaptability and thrive almost everywhere. The "sweets" are not to be recommended for planting east of the Rocky Mountains, except in favored localities, in many parts of New York, Pennsylvania, Ohio and Michigan, they are planted largely, and even in Pike Co., Mo., are some giant old sweet cherry trees propagated by the founder of this nursery, bearing annually.

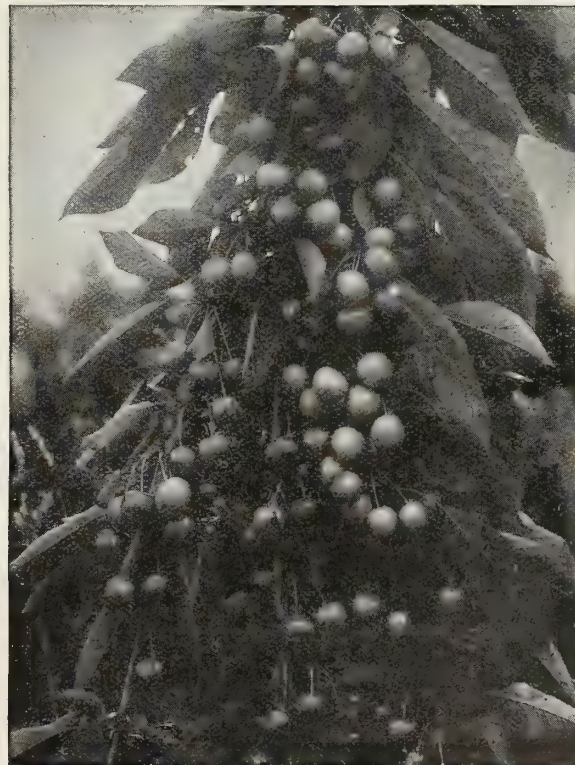
Experience has long since taught us that cherry should be grown on Mahaleb stocks exclusively. Western growers have learned this lesson

to their cost, as cherry orchards on Mazzard stocks are dying out. The Mahaleb makes a better, hardier, long lived tree. The best cherry authorities in the west have long since recognized this fact and are advising the use of Mahaleb only. Prof. E. J. Wickson, one of the greatest authorities in California, says: "Mahaleb is hardier and less liable to root injury, either by standing water or excessive summer drouth." Planters everywhere, especially in the west, should note this fact and absolutely refuse to plant cherry grown on Mazzard stocks.

Delicious apples have gone this year into every part of the United States, and are doing more to make the Wenatchee Valley famous than any other apple. This apple is the famous Stark Delicious, and no grower who expects to meet the demand of buyers can afford to be without it. The Fruit Inspector of the Wenatchee Valley gives testimony to the fact that many thousands of scions have been cut and sent to a certain nursery company labeled Delicious, which in fact were nothing but Apple of Commerce.—Wenatchee Republic.

There is considerable diversity here in the apple called Delicious; one well informed man going so far as to say that there are four distinct apples called Delicious. A. C. Vail of the North Yakima Valley has Delicious trees from you and he is unstinted in his praise of the apple. The Delicious raised in the Wenatchee Valley are very fine, best I have seen.—F. Walden, Horticultural Editor Ranch, Seattle, Wash.

What do the two paragraphs above tell the man who desires to plant Delicious apple trees? Could there be a stronger argument in favor of coming to headquarters for them? Thousands of trees are being foisted upon western growers under the name of Delicious, which will probably be Ben Davis or something of that kind when they come into bearing. We have the only true Delicious. A nurseryman who will not respect the trade-mark of another firm would not hesitate to label Ben Davis trees Delicious and sell them to planters.



A Branch of Royal Ann Cherry.



"If I knew I were to die tomorrow; I would plant a tree today."—Stephen Girard.



A Fine Block of One-Year Apple in our Arkansas nurseries. Col. W. G. Vincenheller, director Arkansas Experiment Station inspecting the magnificent trees. This nursery produces the finest one-year apple we have ever seen. Large plantings here, mostly of the great commercial leaders—Delicious, King David, Stayman Winesap, Senator, Rome Beauty, etc., etc.

**Van Deman** will produce more big, fine colored, golden fruit than any other; bears three crops, first ripens 2 weeks or more before Orange, often weighing 25 to 26 ounces; most superior flavor, texture, quality. Tender baked; dried or canned retains all of its quince flavor. Side by side have Orange, Rea, Meech, Champion and others, but not one is comparable to Van Deman in size, quality, flavor and beauty —Luther Burbank.

## QUINCE.

For best results they should be planted in a red, deep moist, but well drained clay soil.

**Meech**, rather small, very fragrant; good flavor. CS

**\*Mo. Mammoth**, very large; young and heavy bearer. CS

**\*Orange** (Apple Quince), flesh firm; excellent flavor. CS

**\*Bourgeat**, strong grower; prolific; smooth, fine grained. NCS

**\*VAN DEMAN**, (Trade-Mark), vigorous, hardiest. NCS

## 2-Year

XXX					XX					X				
Each	10	100	1000		Each	10	100	1000		Each	10	100	1000	
55¢	\$5.00	\$45	\$		45¢	\$4.00	\$35	\$		35¢	\$3.00	\$27	\$	
55	5.00	45	370	45	45	4.00	35	280	35	3.00	27	200		
55	5.00	45		45	4.00	35			35	3.00	27			
60	5.50	50	450	50	4.50	40	350	40	40	3.50	32	250		
75	7.00	65	550	65	6.00	55	450	55	55	5.00	45	350		

Seven years ago Chas. E. Baker, of Chaves Co., N. Mex., planted, among others, 700 Mo. Pippin. In a letter to us dated Apr. 9, 1909, he says: "Mo. Pippin is disappointing because the wood is so poor, and unable to bear up their big crops. I must pick off, shake off, or in some way get rid of half the crop so as to realize some profit on the other half. So many No. 2's and No. 3's, returns very unsatisfactory." We told Mr. Baker in answer that the only way he could make his Mo. Pippins pay was to top-work them to better varieties as they are doing throughout the west.

Have just finished setting the cherries you shipped Mr. Newton. Actually they were the best lot of trees I ever saw. Every one was perfect.—Newton & Fugate Twin Falls Co., Idaho.

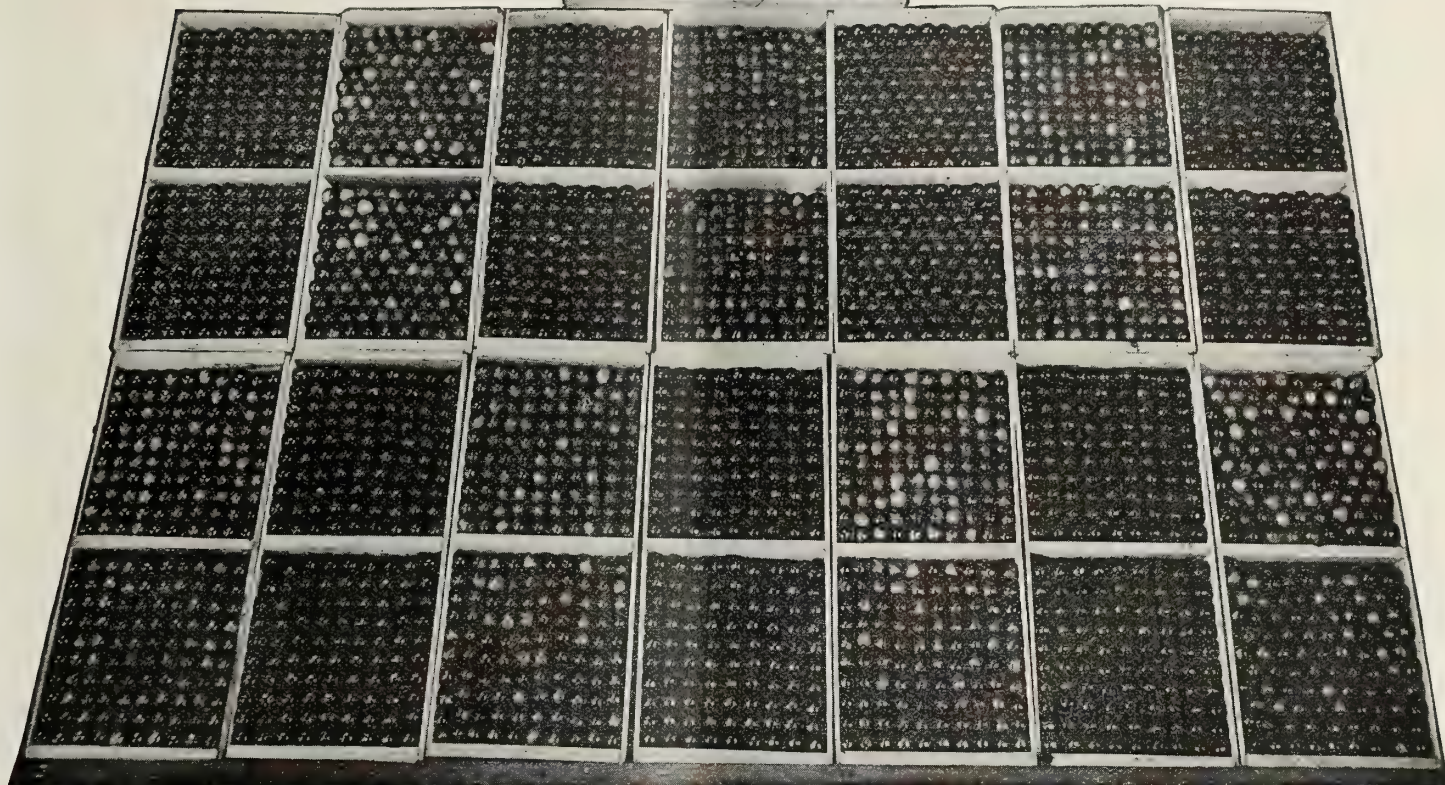
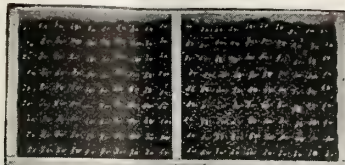
**Of Highest Excellence:**—Am greatly pleased with quality of Fame pear; flesh very fine grained, buttery, of highest excellence, seed few, almost no core. I congratulate you on adding so good a pear to our list.—E. A. Riehl, Ill. Experiment Sta.

I sold \$500.00 worth of **Bartlett Pears** last year from about one-fourth acre of ground, from trees I bought from you. One tree bore 630 pounds which I sold for 5 cents per pound.—H. C. Day, Graham Co., Arizona.



Oregon Premium  
Lambert, Bing and Royal Ann  
The Dalles, Oreg.

Exhibited  
at the  
Dalles Cherry Fair,  
1908



# 1-Year

# CHERRY

# 2-Year and 1-Year

3 to 5 ft				2 to 3 ft			
Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$330	40¢	\$3.50	\$32	\$250
50	4.50	40	330	40	3.50	32	250
40	3.50	32	250	30	2.70	23	180
50	4.50	40		40	3.50	32	
50	4.50	40	330	40	3.50	32	250
50	4.50	40	330	40	3.50	32	250

Plant Cherries on well drained soil, they will not stand excessive moisture. In your cherry orchard plant a few mulberry trees. If birds can find Mulberries they will not bother your Cherries.

**\*Terry Early**, large bright brilliant red, becoming darker as it ripens, moderately acid, rich; tree hardy and a heavy, dependable bearer. NNC

**\*Dyehouse**, best very early cherry, better in every way than Early Richmond; tree hardy, very prolific. NCS

I have found nothing so good as Dyehouse; a week earlier than Early Richmond, just as hardy, and quality better.—Moses Bailey, Madison Co., Ia.

**\*Early Richmond**, medium size, bright red, quite acid, fairly good market sort, not equal in quality to Dyehouse; hardy, good grower. NCS

**\*May Duke**, large rich dark red, juicy, excellent. NCS

**\*TIMME**, regular bearer, hardy; ripens about with Early Richmond, but larger, better quality, better bearer. NCS

Hardier in tree and fruit bud than Early Richmond; fruit larger, flesh much more meaty, materially richer in juice and flesh. In 15 years fruitage not another variety has produced nearly as many cherries nor fruited as many seasons.—F. O. Harrington, Iowa Co., Iowa.

**\*Black Tartarian Improved**, sweet, large, heartshaped, black, tender, fine quality, upright dense grower, old favorite. Ours is Deacon—a select and greatly improved seedling of the old Black Tartarian. NC

**\*Windsor** (Sweet), large dull red, of fine quality; hardiest of the sweets; popular east. NCS

XXX, 4 to 6 ft				XX, 3 to 4 feet				X, 2 to 3 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
65¢	\$6.00	\$55	\$450	55¢	\$5.00	\$45	\$370	45¢	\$4.00	\$36	\$280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
50	4.50	40	330	40	3.50	30	230	30	2.70	22	150
65	6.00	55		55	5.00	45		45	4.00	36	
65	6.00	55		55	5.00	45		45	4.00	36	
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280



### 2-Year and 1-Year

**\*Montmorency King**, can no be too highly recommended for never-failing crops; beautiful tree; very hardy. Three-fourths of all cherries planted should be Montmorencies. NNCS

**\*Montmorency Large**, from Dansville, New York; slightly larger than King, identical in growth and fruit ripens at the same time. NNCS

**\*Montmorency Monarch**, in growth the most perfect cherry tree we have seen; superior to King in tree, as a cropper, in size, flavor and quality; all things considered, Monarch is probably the best strain of the Montmorencies. NNCS

You have a good thing in the Monarch cherry. Stick to it and keep that strain of Montmorency pure.—M. J. Wragg, Ex-Pres. Ia. Hort. Soc.

**\*Montmorency Stark**, from a selected tree on our grounds which uniformly bears very large fruit, larger than any of the Montmorencies. Our favorite strain. NNCS

All Montmorencies are our select strains and are kept absolutely pure.

**\*Montmorency Sweet**, of the regular type, but sweeter than other strains; a very fine cherry. NNCS

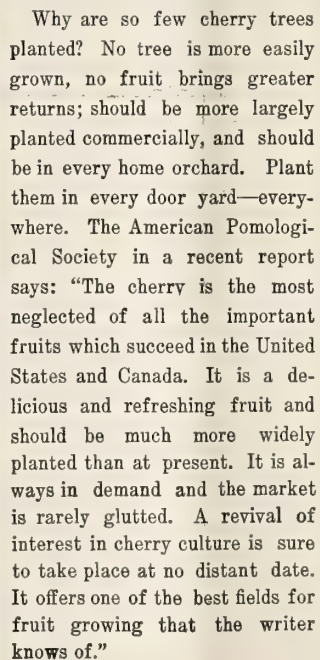
**Montreuil**, large heart-shaped, dark red, almost black, flesh tender; very productive. Poor grower. NCS

Well worthy a place in any commercial orchard; do not consider any other Duke on station grounds of any great value; always brings a high price.—T. A. Farrand, Supt. Michigan Experiment Station.

**\*Royal Duke**, large light red, juicy, rich, tender. We propagate from select bearing trees in the orchard of Hon. Wm. Cutter, Mesa Co., Colo., "the Fruit Growers' paradise", there a most profitable cherry, great shipper and canner. NCS

**\*Bing** (sweet) dark brown, almost black; sweet, rich, delicious, originated in Oregon. On the Pacific Coast considered one of the most profitable; hardy, seems to succeed east better than most sweets. NC

XXX, 4 to 6 feet				XX, 3 to 4 feet				X, 2 to 3 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
65¢	\$6.00	\$55	\$450	55¢	\$5.00	\$45	\$370	45¢	\$4.00	\$36	\$280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
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65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
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65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
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65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
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65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
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65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
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65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45	370	45	4.00	36	280
65	6.00	55	450	55	5.00	45					



Three detailed botanical illustrations of plant root systems, labeled 11, 12, and 13. Each illustration shows a dense cluster of roots emerging from a central point, with varying degrees of branching and thickness. The roots are depicted in a dark, textured style, contrasting with the light background. The labels 11, 12, and 13 are positioned below their respective root systems.

One-Year Sour Cherry, 3 to 5 ft., 2 to 3 ft., and bargain size. Note the magnificent roots. These young, vigorous, healthy trees are ideal for the commercial planter. By using these yearlings your trees can be headed low—the lower the better; Sweet Cherry extremely low.



## 1 Year

## 2-Year and 1-Year

## CHERRY, Continued.

3 to 5 feet				2 to 3 feet			
Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$330	40¢	\$3.50	\$32	\$250

\***Lambert** (sweet), originated in Oregon; one of the largest of all; dark purplish red, turning almost jet black when ripe; flesh firm, rich, juicy; tree hardy, strong grower enormous bearer. N. C.

Certainly a magnificent cherry; by odds the largest specimen received this season; in fact, there has been but one variety ever sent to this division that surpasses Lambert in size.—S. B. Heiges, U. S. Dept. of Agriculture.



BRANCH OF THE FAMOUS LAMBERT CHERRY

XXX, 4 to 6 ft.				XX, 3 to 4 ft.				X, 2 to 3 ft.			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
65¢	\$6.00	\$55	\$450	55¢	\$5.00	\$45	\$370	45¢	\$4.00	\$36	\$280

50 | 4.50 | 40 | 330 | 40 | 3.50 | 32 | 250

\***Napoleon**, (N. Bigarreau), Sweet, large pale yellow, with red cheek; a magnificent cherry of the largest size; firm, juicy, sweet, great bearer; the most popular all round cherry for canning, preserving, and shipping. NC

One of the most popular varieties for all sections; strong, vigorous grower, very productive, large, handsomely mottled light and dark; very firm; light colored flesh of good quality.—American Pomological Society.

50 | 4.50 | 40 | 40 | 3.50 | 32 |

**English Morello**, medium size, dark red or nearly black; very acid; not as hardy as Wragg or Suda; tree small, spreading; not a good grower; short lived. NNC

50 | 4.50 | 40 | 330 | 40 | 3.50 | 32 | 250

\***German Ostheimer**, large heart-shaped, almost black when ripe; exceedingly large, fine for dessert or kitchen; very hardy both in tree and fruit bud; blooms late; the very best of English Morello type. NNCS

50 | 4.50 | 40 | 330 | 40 | 3.50 | 32 | 250

\***Wragg**, of the English Morello type but averages larger and has slightly more acidity; abundant and regular bearer; strong grower. NNC

Old trees in this country have a record of 20 years without a failure.—M. J. Graham, Dallas County, Iowa.

65 | 6.00 | 55 | 450 | 55 | 5.00 | 45 | 370 | 45 | 4.00 | 36 | 280

65 | 6.00 | 55 | 55 | 5.00 | 45 | 45 | 4.00 | 36 |

65 | 6.00 | 55 | 450 | 55 | 5.00 | 45 | 370 | 45 | 4.00 | 36 | 280

65 | 6.00 | 55 | 450 | 55 | 5.00 | 45 | 370 | 45 | 4.00 | 36 | 280



## 1-Year

## CHERRY, Continued

## 2-Year and 1-Year

3 to 5 ft				2 to 3 ft			
Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$330	40¢	\$3.50	\$32	\$250

50 | 4.50 | 40 | 40 | 3.50 | 32 |

50 | 4.50 | 40 | 330 | 40 | 3.50 | 32 | 250

**\*Royal Ann**, (sweet), pale yellow with bright red cheek, firm, juicy and sweet; tree rapid grower, an immense bearer. NC

**Yellow Spanish**, large pale yellow; one of the best light colored cherries, NCS

Succeeds fine here.—Fruit Grower, St. Joseph, Mo.

**\*Suda Hardy**, an improved English Morello; originated in Louisiana, Mo; the old tree did not fail a crop in 20 years. In yield surpasses English Morello, is hardier, has better foliage, and is a better grower, longer lived tree. NNC

Have found Suda Hardy decidedly hardier than English Morello; these varieties grown side by side are quite distinct and Suda is the best grower.—W. F. Heikes, Madison Co., Ala.

XXX, 4 to 6 feet				XX, 3 to 4 feet				X, 2 to 3 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
65¢	\$6.00	\$55	\$450	55¢	\$5.00	\$45	\$370	45¢	\$4.00	\$36	\$280

65 | 6.00 | 55 |

55 | 5.00 | 45 |

45 | 4.00 | 36 |

65 | 6.00 | 55 | 450

55 | 5.00 | 45 | 370

45 | 4.00 | 36 | 280



CHERRY PICKERS AT WORK IN A ROYAL ANN ORCHARD

Plant more Cherry Trees---Orchards of them. One of the Best Paying Investments.





Missouri Mammoth Quince



Van Deman Quince (Burbank)

### HORTICULTURAL WORK IN MISSOURI

The census reports of 1900 quote the State of Missouri as having more than twenty million apple trees planted in orchards. It is probable that the next census report will show a great decrease from this number—and yet Missouri horticulture is getting in better shape than it has ever been before. The tendency now is not to plant or attempt to care for large orchards, but to give smaller acreage better care. The change is for the better, and it is interesting to note what has brought about the changed conditions.

Up to fifteen or twenty years ago apple trees in Missouri grew with little care and bore fruits of high quality which sold well on the markets of the world. A boom in the planting of apple trees set in, and

in every part of the state large orchards were planted. The planting, in many cases, was by men who had little knowledge of the apple business, and was in answer to a demand for large orchards. Certain prominent men in Missouri horticulture were leaders in this craze for planting large orchards, and they were evidently sincere, for they planted large orchards themselves, which are today, in some cases, failures which should serve to warn others.



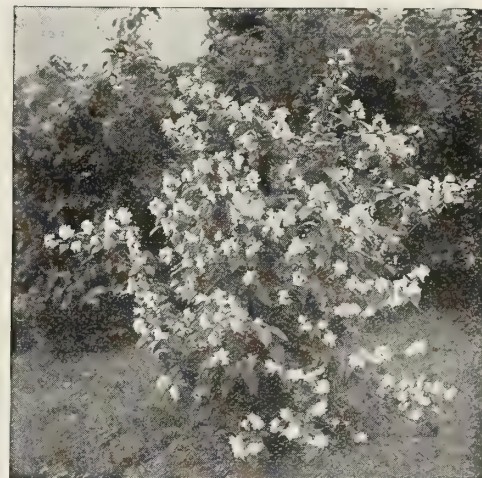
Marie Lagraye Lilac

As the planting of trees increased, the insects and diseases to which apples are subject multiplied, until it came to pass that orchards would no longer take care of themselves—they must have care and attention, and at the right time, else no crops would be harvested.

Just here is where a great mistake was made by the men who were leaders in Missouri horticulture. Instead of seeking to lead Missouri horticulturists into practicing the best methods, they still talked large orchards, ascribed repeated failures to the mysterious ways of Divine Providence—when, as a matter of fact, the failures were due to neglect of the orchards, in a great many cases.

This condition continued for a number of years. In all horticultural publications Missouri was quoted as having more apple trees than any state in the Union—but when the figures were presented showing the size of the apple crop, Missouri was well down on the list. Growers were discouraged, and were at a loss to know what to do.

About two years ago a change was made in Missouri horticultural affairs. A law was passed creating the Missouri State Board of Horticulture, and the management of affairs passed into the hands of practical men. These men at once began to investigate conditions, and decided that Missouri horticulturists were entitled to know what the best fruit-growers in other sections are doing and accordingly members of the board were sent to various fruit sections,



Philadelphus Gordonianus



and at the winter meeting of the board these members reported their observations.

The reports of these men were not at all discouraging to Missouri fruit-growers. On the contrary, they are full of encouragement for the man who will care for his trees and plants. And the Missouri State Board of Horticulture is now devoting itself to bringing about this result. Here are some of the things now being worked out by the Board:

To bring about the reduction of size of orchards to a point where the owner can give proper attention. No size is specified—except that the board urges every fruit-grower to reduce the size of his holdings to fit his capacity. If his means are limited, or if help is scarce, reduce the orchard so that every tree can be given just the attention it needs.

To hold meetings in various parts of the state, and take to the growers of every section information from the best authorities in the country, so that our growers may know what are the really up-to-date methods of successful orchardists.

To secure the enactment of a law providing for the inspection of orchards in the state, so that expert advice may be given our citizens as to the treatment their orchards need.

Believing that horticultural education should begin with the children, the Board is arranging to co-operate with the school teachers of the state in arranging a course of instruction to be used in the country schools. This teaching will be calculated to create in the children a love for country life and to direct their training along the lines of horticulture.

In addition to this work, the Board is arranging to help farmers of the state to improve the surroundings of their homes, and this work will extend to beautifying country schools, churches, cemeteries, roadside improvement, etc.



Crate of the mammoth Illinois Peach

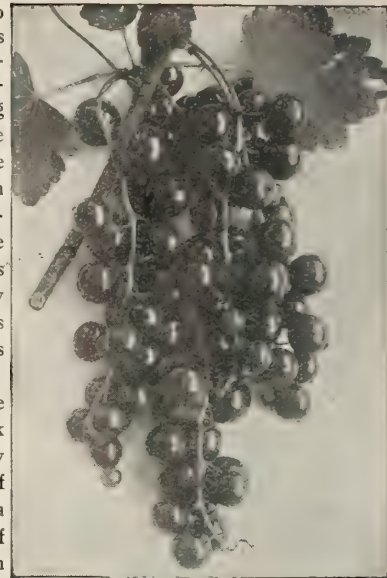
This, in brief, is the program of the Missouri State Board of Horticulture. In carrying it out, the Board is entitled to the support and co-operation of every citizen of the state. The change is taking place, and it is coming rapidly. The Board has been organized only about two years, and has outlined a great work and has begun to carry out its program.

The future for Missouri horticulture looks brighter than ever before. People know now just what they have to contend with, and they know how they can overcome their obstacles. It is impossible to save a man who does not know he needs

salvation. It was impossible to help Missouri fruit-growers as long as their horticultural leaders kept telling them they needed no help. The first thing needed was to know that we needed help—and now that we have arrived at this condition the rest will be easy. The fruit-growers of Missouri may have fewer trees when the next census is taken—but we venture to say that within the next few years the output of Missouri orchards will be greatly increased.

And for all this we may give thanks and credit to the work which has been inaugurated by the Missouri State Board of Horticulture. It has done a great work in the two years of its existence, and will accomplish more within the next few years.

—Western Fruit Grower.



Perfection Currant

The Missouri State Board of Horticulture held its annual meeting at Columbia, Mo., Jan 6 to 9, President W. P. Stark in the chair, with a large attendance of earnest fruit-growers. The papers were all good; among them we may mention one by Mr. C. W. Wilmeroth; the big apple man from Chicago, and another by Mr. T. H. Todd, Treasurer of the State Board, who had just returned from a tour of inspection of western orchards. Both these papers were good ones, and both strongly urging the planting of better varieties, growing better fruit.—Exchange.

Write Dr. W. L. Howard, Columbia, Mo., Sec'y, for Annual Report.

Stayman Winesap is a very fine apple. The Rome Beauty is fair quality and a first-class variety, good shipper, heavy yielder and one of our best commercial sorts. Delicious is an excellent apple for your section of the country, but not very well known in commerce as yet; do not believe you would make a mistake in planting it. King David is another fine, but new apple, and I think you should plant it. Spitzenburg has high color, but does not come into bearing as early as some of these others. Arkansas Black, while a well colored apple, is of low quality.—Prof. W. S. Thornburg, Horticulturist Washington Agricultural Experiment Station, to Rev. T. H. Atkinson, Chelan Co., Wash.

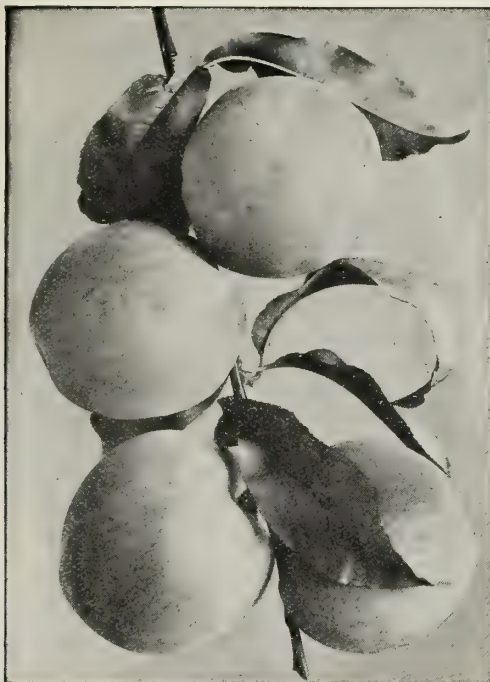
Stayman Winesap is of excellent quality, highly colored and was pronounced the finest ever coming under the eyes of the inspector; had several thousand boxes.—E. B. Blackburn, Chelan Co., Wash.

**Stayman Winesap** has a bloom full of life and vigor; hardy, not easily injured by frost.—Frank Femmons, Calif.



California Privet—note fine roots; grown the Stark way

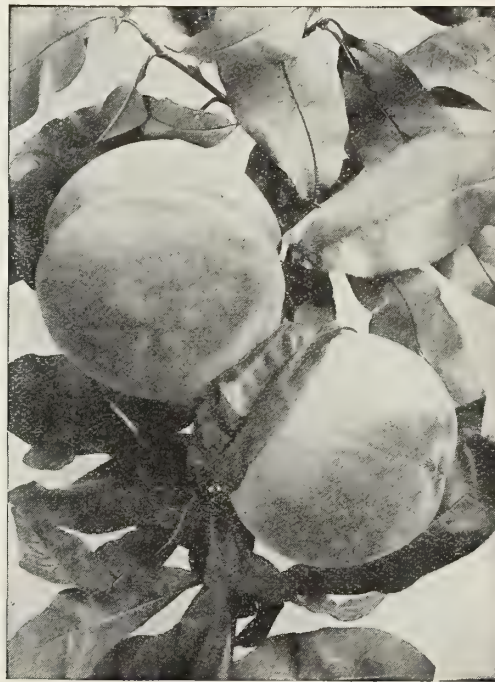




Red Bird Cling



Mammoth Heath Cling



Sea Eagle Improved

## PEACH.

Free stone have (F) following name, Clingstones have cling as part of name, semi-clings have (S-C) following name  
Key; N-North, NN far North, C Central, S South—letters follow description

\***MAYFLOWER** (F), red all over, and while none of the very early peaches are high quality, Mayflower is really good; valuable for market. NCS

\***RED BIRD CLING**, earliness, high color, and good quality make it valuable, very large for an early peach, a creamy white overspread with a bright glowing red; splendid grower, bears regularly; a remarkably good shipper. CS

I am pleased to state that Red Bird Cling is much superior to any peach I have seen coming so early—season of Alexander; if its territory proves large, it will be worth millions.—E. W. Kirkpatrick, Collin Co., Texas.  
Shipped Red Bird Clings last spring on June 8th, 10th, and 11th; sold them at an average of \$14.20 per bushel.—W. A. Jeffers, Crawford Co., Tex.

They are the prettiest peaches on earth, no painting I ever saw is as pretty. They will bear shipping, grow to good size and turn as red as blood before they ripen.—Dr. E. L. Morris, Fayette Co., Tenn.

\***May Lee Cling**, medium size, white with highly colored cheek; juicy, good quality, not so good a shipper as Red Bird Cling. CS

\***Greensboro** (S.-C), a good peach of its season, greenish white, shaded and splashed with dark red, very hardy, not so subject to rot as most early varieties. NCS

A superb peach that commands attention and high prices in any market. Think of a peach as large and beautiful as Oldmixon ripening in June here in Connecticut, and with this we have vigor of tree and extreme hardiness of fruit bud —J. H. Hale, in National Nurseryman.

**Triumph** (S.-C), orange red, medium size, not very attractive, poor seller; chief value is hardiness; desirable as a family peach. CS

\***EUREKA** (F), large, beautiful, firm, most delicious, good flavor, surpasses Greensboro, very valuable. CS

Out of my sixty-one varieties I find Eureka the best by far; is the best peach you ever grew and sent to this latitude.—Capt. John Kennedy, Adams Co., Miss.

**Russell Neb.** (F), originated in Nebraska where it bears heavily year after year; large, roundish, oblong, pleasant flavor; valuable for severe climates. NC

### 1-Year

XXX, 5 to 7 feet					XX, 4 to 5 feet					X, 2 to 4 feet				
Each	10	100	1000		Each	10	100	1000		Each	10	100	1000	
40¢	\$3.50	\$30	\$230		35¢	\$3.00	\$25	\$190		30¢	\$2.70	\$22	\$150	
50	4.50	40	330		40	3.50	30	250		35	3.00	25	190	
35	3.00	25	190		30	2.70	22	150		25	2.20	18	120	
30	2.70	22	150		25	2.20	18	120		20	1.80	14	100	
30	2.70	22	150		25	2.20	18	120		20	1.80	14	100	
40	3.50	30	230		35	3.00	25	190		30	2.70	22	150	
35	3.00	25			30	2.70	22			25	2.20	18		

### One-year Peach or June Buds?

As to comparative longevity of one-year and June budded peach trees, will state that in two carefully made tests there was a **very marked difference in favor of one-year trees.** The June buds were the most prompt to start, and for first four years' growth, as well as for the first two or three crops, they invariably lead the one-year; but **their vigor waned** from such period onward, so that in point of orchard value, the **one-year** trees were **50 to 75% more productive.** And even after the June buds had completely exhausted themselves the one-year trees were profitable for double the length of time.—J. W. KERR, Caroline Co., Md. [Mr. KERR has one of the largest experimental orchards in the U. S. Over 1200 varieties of fruit on his farm.—STARK BRO'S.]

**Peach Trees** ordered from you have arrived, thirty-five days on the way. Inspector said they were as fine as he ever saw, so straight and nice.—D. F. MILLER, San Joaquin Co., Calif.

**Peach trees** from you last spring were the best I ever received from any nursery.—J. R. BLACKBURN, Sherman Co., Ark.



# PEACH, Continued

1-Year

\***Early Mamie Ross** (S. C.), yellowish white with red cheek, excellent quality, seedling of Mamie Ross but earlier, better color, better in every way. NCS

I agree with Mr. Kirkpatrick that of all peaches that so much resemble each other—Mamie Ross, Carman, Gov. Hogg, etc., Early Mamie Ross is the best—F. T. Ramsey, Travis Co., Tex.

\***Waddell** (F), creamy white with bright blush; very resistant, to rot, long keeper, good shipper; highly flavored, good quality; satisfactory over a large territory.

\***Carman** (F), originated in Texas; large yellowish white, blushed and splashed red; pleasant flavor, though not so good in quality as Alton; regular bearer, ships well. CS

Has proved one of the most valuable varieties, vigorous grower, prolific. Its earliness, large size, attractive appearance, extreme hardiness and productiveness make it the anchor of hope for the fruit raiser.—Report Western N. Y. Horticultural society.

**ALTON** (F), one of the best all-purpose peaches; a magnificent, large, white peach, with handsome red cheek; flesh white, firm, juicy, melting, with a rich satisfying flavor, quality the very best; one of the hardiest in bud and tree. In the vicinity of Alton, Ill., from which it takes its name, it has given more crops and larger crops than any other variety. Reports from all over the country show that it bears when all others fail. NCS

Sold Alton this summer by the wagon load at \$1.50 per bushel, and people simply fought for them.—E. A. Riehl, Madison Co., Ill.

Later:—Am glad to know Alton has so well justified my estimate of it. Think I can claim to have rescued it from oblivion and think I did a good deed when I did so.

Have had the very best success with Alton, so far as Utah is concerned will recommend it.—Dr. S. Gleason, Davis Co., Utah.

Last year Alton was loaded with fruit while in next row trees of other kinds did not have one peach.—Jas. Gaines, Vermillion Co., Ill.

Full crop again this year, while Elberta entirely killed by late frost.—H. B. Petmiller, Ripley Co., Mo.

Making a record in the Panhandle; considered the best all round peach and most regular bearer.—F. T. Ramsey, Travis Co., Texas.

Every tree in the orchard fairly loaded with large fine fruit; scarcely a rotten one to be found; without doubt the best variety of its season.—E. H. Riehl, Colman's Rural World.

**ALTON BEARS WHEN OTHERS FAIL:** I had a crop of peaches, mostly Alton last year. I do not believe there was another peach in the country also a full crop this year.—John A. Butler, Montgomery Co., Md.

Had a crop of peaches (mostly Alton) last year—I don't believe there was another each in the country. Also full crop this year.—John A. Butler, Montgomery Co., Md.

Last fall I sold Alton peaches to fruit dealers at 40c per dozen.—Elmer Grandin, St. Louis Co., Mo.

XXX, 5 to 7 ft.				XX, 4 to 5 ft.				X, 2 to 4 ft.			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
35¢	\$3.00	\$25	\$190	30¢	\$2.70	\$22	\$150	25¢	\$2.20	\$18	\$120
30	2.70	22	150	25	2.20	18	120	20	1.80	14	100
30	2.70	22	150	25	2.20	18	120	20	1.80	14	100
50	4.50	40	350	40	3.50	32	250	30	2.70	22	150



A Prize Basket of Alton

Just received the peach trees—as fine as any I ever saw—such splendid roots.—GUY W. BOHANNAN, Custer Co., Okla.

The first 600 peach trees bought of you four years ago are a gold mine now.—JNO. BARNHILL, Lincoln County, Okla., June 8th, '07.

**Early Elberta** is much like its parent, but seems to us a little better quality.—RURAL NEW YORKER

**Carman** were excellent this year. In spite of the drought they were large, and colored a beautiful dark red. With us the tree has the habit of early bearing, and its method of culture make it a standard sort with us.—Hope Farm Notes in The Rural New-Yorker.

**Alton.**—Very productive with practically no rot. Gives promise of being a good home and market variety; quality good to best.—THE AMERICAN FRUIT & NUT JOURNAL.

**Alton** last year loaded with fruit while in next row, trees of other kinds did not have one peach.—JAS. GAINES, Vermillion Co., Ill.,

**Alton** is one of the finest peaches I have.—H. GIBSON, Independence Co., Kansas.

**Alton** again a full crop, while Elberta was entirely killed by late frost.—H. H. PEP MILLER, Ripley Co., Mo.

Alton, Carman, and Mamie Ross now ripe. **Alton** is decidedly the best; larger, better quality. It is without doubt the best of its season.—E. A. RIEHL, Director Ill. Experiment Station.

**Have had the very best success with Alton.** So far as Utah is concerned will recommend Alton.—DR. S. GLEASON, Kaysville, Utah.

**Red Bird Cling** is superior to any early peach I have seen, very similar here to Old Mixon in size, color, shape, flavor, hardiness, and heavy bearing, also splendid shipping quality.—E. W. KIRKPATRICK, Collin Co., Texas.

**Arp Beauty** I believe will knock out Crawford E'y all over this section. Mr. Love, a big peach grower of Cherokee Co., went up to see the original tree, and ordered 10,000 trees.—F. T. RAMSEY, Tex.

**Capt. Ede.**—The peach crop will be almost a total failure in this year, and many peach trees seriously injured—doubtless many killed. Of those examined Capt. Ede has fared the best, none of them are injured.—O. M. BROOKS Chelan Co., Wash.



# PEACH, Continued

Sorts are arranged as nearly as possible according to season of ripening—earliest sorts at the head of the list.

**\*Uneeda Cling**, clear white, beautifully blushed; very attractive; tree hardy, vigorous; high quality. CS  
Uneeda Cling ripens with Mamie Ross but is far superior in flavor and firmness.—E. W. Kirkpatrick, Collin Co., Tex.

**Mamie Ross** (S-C.), creamy white nearly covered with delicate carmine; one of the best of its season. NCS

**Ray** (F), white with red blush, highly flavored; excellent shipper, good quality, remarkably strong grower. CS

Have been growing Ray for a number of years very satisfactorily; have an equal number of Ray and Hiley; from the Ray I picked 1600 crates and from the Hiley 100.—W. F. Allen, Ex-Pres. Peninsula Hort. Society.

**\*Gov. Hogg**, (F) large white with beautiful cheek; tender, juicy, highly flavored, first class in quality; too tender for long shipment, but excellent otherwise. CS

**\*Hiley** (Early Belle) (F), one of the finest shippers among the early sorts, very hardy in wood and bud; long keeper, splendid shipper; large white, high colored on sunny side. NCS

**\*June Elberta** (F), best yellow free stone of its season, surpasses Arp Beauty; bright crimson, handsome. Should go in every orchard; plant it commercially. CS

## 1-Year

XXX, 5 to 7 ft.				XX, 4 to 5 ft.				X, 2 to 4 ft			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
35¢	\$3.00	\$25	\$190	30¢	\$2.70	\$22	\$150	25¢	\$2.20	\$18	\$120
35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
30	2.70	22	150	25	2.20	18	120	20	1.80	14	100
35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
35	3.00	25	190	30	2.50	22	150	25	2.20	18	120
50	4.50	40		40	3.50	30		35	3.00	25	



June Elberta

**\*ARP BEAUTY** (F), yellow blushed and mottled bright crimson; firm, juicy, excellent flavor, strong grower, hardy; extra good shipper. Perfection in Wash. and Oreg. SC

**\*Yellow St. John** (Fleitas St. John) (F), deep yellow with dark rich red on sunny side; good quality; profitable for market and desirable for home use; strong, vigorous tree. CS

**Woolsey, Neb.** (F), large yellow with red cheek, fairly good in quality, extremely hardy; originated in Nebraska. NC

**Crawford Early Imp'd** (F), this strain excels old Crawford Early; very yellow with bright red cheek; not quite hardy in bud and bloom. CS

Alton bought of you several years ago, last year were loaded down with fruit, while in the next row trees of other kinds did not have one peach. I have two or three orchards of your fruit and I am greatly pleased with it.—James Gaines, Vermillion Co., Ill.

**Red Bird Cling**, a creamy white over-spread with a beautiful bright glowing red; quality good; quite similar in size, color, texture, and quality to Old Mixon Cling—Horticulturist & Gardener.

**Uneeda Cling**.—I agree with Mr. Kirkpatrick that of all the peaches that so much resemble one another, Mamie Ross, Carman, Governor Hogg, etc., Early Mamie Ross is the best, but if Uneeda Cling keeps up the record it made last year it is going to be a hot rival if not a superior.—F. T. Ramsey, Travis Co., Texas.

**Red Bird Cling**.—On June 8, 10 and 11 I sold Red Bird Clings that averaged \$14.20 per bushel.—W. A. Jeffers, Ark.

**Uneeda Cling**, extra fine, firm, ripening about the same time as Mamie Ross but a much better commercial peach than any of the Mamie Ross class; in fact, it is hardly in the same class—far superior.—E. W. Kirkpatrick, Collin Co., Texas.



Eureka

**Elberta Cling**.—From six trees I gathered more than 100 baskets of finest peaches, nearly as large as Champion and free from rot.—S. J. Blythe, Buchanan Co., Missouri.

**Frances**.—Of the Elberta type; seems promising. Hardy, vigorous, and productive; large, handsome, of good quality; ripens just after Elberta which is a valuable point in its favor.—E. H. Riehl, Illinois Experiment Station.

Frances, comparatively speaking, has no weak points; very vigorous, large as Elberta, rounder, handsomer, and in season a few days later; fully equal to Elberta as a shipper; of excellent quality.—Pacific Fruit World.



# PEACH, Continued

1-Year

\***STARK EARLY ELBERTA** (T. M.), (F) a seedling of Elberta grown in Davis Co., Utah; ripening about ten days earlier than Elberta and possesses every good point of its parent; better in quality; is being planted extensively and is sure to be a great moneymaker. CS

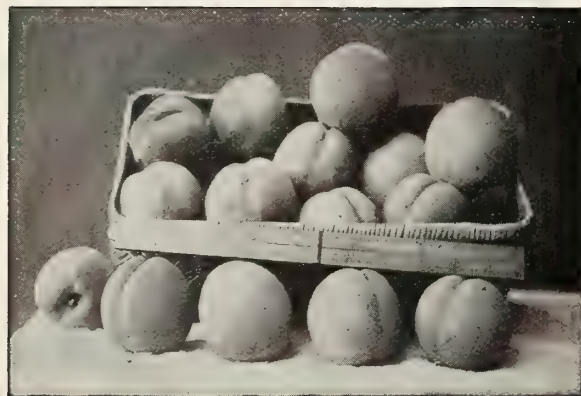
I visited Dr. Gleason and saw Elberta and Early Elberta growing side by side. At the time of my visit Early Elberta was ripe and in its prime, while Elberta was hard and green, fully two weeks before Elberta would have been as ripe. The habits of the Early Elberta tree appeared to me identical with Elberta, fruit in external appearance just the same, but in texture I believe Early Elberta has a little finer grain. I believe Early Elberta is one of the best varieties introduced since the first Elberta came. It will no doubt play a very important part in sections such as we have here, where growers do not want too many varieties, but must have early and late kinds. In Early Elberta one has all of the good qualities of Elberta and the additional feature of early ripening.—E. H. Favor, Assistant Hort. Utah Exp. Station.

J. H. Hale will be here Friday, and will write you his opinion of the Early Elberta.—Dr. Sumner Gleason, Originator, Davis Co., Utah.

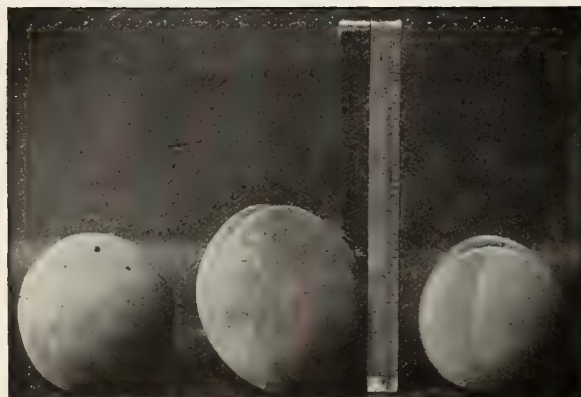
LATER—J. H. Hale could not come but sent his son. He says Early Elberta is way ahead of everything here.

Have tested its shipping and keeping qualities thoroughly; without doubt it is the most valuable addition to the commercial peach list that has been introduced in recent years; an excellent shipper and as a keeper it has no rival.—L. Marsh, Horticultural Inspector, Davis Co., Utah.

I sent some Early Elberta to show keeping qualities. These were picked fully ripe Sept. 17th, shipped to Salt Lake City and placed in cold storage. Oct. 3rd they were shipped to Farmington and put on exhibition, showed up better than Elbertas picked a week later.—Dr. Sumner Gleason.



Early Elberta from the Original Tree



Carman on the left. Early Elberta in center. Elberta on the right, largest found in orchard, not ripe for 7 or 8 days.

XXX, 5 to 7 ft.				XX, 4 to 5 ft.				X, 2 to 4 ft.			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$330	40¢	\$3.50	\$30	\$250	35¢	\$3.00	\$25	\$190

Early Elberta, June budded; 2 to 3 ft., \$150 per thousand; and; under 2 ft., \$125 per thousand.

## UTAH AGRICULTURAL COLLEGE.—EXPERIMENT STATION.

Dear Mr. Stark:—

Last summer I visited the orchard and nursery of Dr. Gleason of Davis Co., Utah, and saw the Early Elberta and Elberta growing side by side. At the time of my visit Early Elberta was ripe and in its prime, while Elberta was hard and green. Fully two weeks before Elberta would be as ripe.

I brought back with me several specimens of Early Elberta in order to test their keeping quality. Fruit was placed on a shelf in the office, subject to light and the heat. The fruit lay there for two weeks in as good condition as when picked. After this it began to wither, but was still in condition to eat two weeks later, or a month after picked from the tree. The fruit dried up and is still on the shelf—just a bit of gummy pulp around the stone.

The habit of the Early Elberta tree appeared to me identical with the Elberta. Fruit in external appearance just the same, but in texture I believe Early Elberta has a little finer grain and not quite so much "rag." It is juicy and sweet, with bright yellow flesh and free stone; skin thin but strong, and is not too fuzzy.

I believe Early Elberta is one of the best varieties introduced since the first Elberta came. It will no doubt play a very important part in sections such as we have here, where growers do not want too many varieties, but must have early and late kinds. In Early Elberta one has all of the good qualities of Elberta, and the additional feature of early ripening. When this is taken into consideration, and when it is planted along with the original Elberta, much of the strain and congestion which comes with peach harvest will be greatly reduced. The shipping season will be lengthened.—E. H. Favor, Assistant Horticulturist.—Dec. 29, 1908.

Peaches bear their fruit on wood of previous season's growth, therefore it is necessary to prune quite severely each year, so as to keep a supply of young, bearing wood. The tree should be headed low, from 12 to 24 inches is best; this is of more importance to the peach than any other tree; cut out the central leader so as to leave the top open, admitting light and air; keep the main branches shortened and the fruit near the ground. Succeed best on light, loose, porous soil, which should be well cultivated and keep free from weeds. The best location is on slopes or ridges, where there is not only good water drainage, but also good air drainage; frequently trees on high land give a crop when those on low land have their crop killed by frost; they should never be planted in low, wet flats. Few fruit trees will respond more quickly to good cultivation and care; an occasional dressing of wood ashes is of great benefit; if the land is lacking in fertility it should be supplied and for this purpose stable manure is excellent.



The original Early Elberta tree and the originator, Dr. Sumner Gleason, Davis Co., Utah.

**Stark Early Elberta:** It is well known among some of the largest peach growers and shippers in the world that Stark Early Elberta is one of the best shippers, coming at a season when good peaches are scarce, nothing so far to just take its place. Therefore, interested parties seem desirous of monopolizing the variety and are withholding their endorsements, apparently objecting to our introducing this most-promising sort which they state is as attractive and good as Chair's Choice—nothing ships nor keeps better. We originated the variety, sent it to Utah and have accepted Dr. Gleason, the grower's proposition for the sole introduction. We offer this peach to the growers of the country, feeling that the introduction of this variety marks an epoch in the peach growing industry. Our hope is to soon see it in all commercial peach orchards and to this end will propagate and push out as rapidly as possible, remembering the injunction of the great Burbank when we purchased from him the Gold plum. "It is my wish and desire that you multiply as rapidly as possible these creations and give the benefit to the world."



Early Mamie Ross



# PEACH, Continued

**\*Worth (F)**, we consider this the finest yellow freestone of the Crawford type, deep yellow with dark brilliant red cheek; high flavor; very hardy; origin Warsaw, Ill. CS



Worth

**\*Hyslop Cling**, white, beautiful, shaded red, very handsome; one of the best clings of its season; hardy in tree and bud; profitable. CS

**\*Engle Mammoth (F)**, very large and attractive; of high quality; a valuable market sort; strong grower, hardy, productive; fine for canning. NCS

**\*Capt. Ede, (F)** resembles Elberta in color and flavor, but hardier; strong grower, productive; good quality. Bears where Elberta fails, but the wonderful popularity of Elberta has kept it in the background. NCS

Succeeds well wherever tested; strong grower, heavy bearer, excellent shipper and a general favorite for home use, canning and eating out of hand. Should be planted in every orchard, it is a money maker.—Report Western N. Y. Horticultural society.

**\*ELBERTA CLING**, yellow with rich red cheek, perfectly round; large, high quality, originated at Louisiana, Mo. NCS  
Fine market peach; lasts longer than Elberta.—John W. McAnulty, Ark.  
From six trees I gathered more than 100 baskets of the finest peaches, nearly as large as Champion, free from rot.—S. J. Blythe, Buchanan Co., Mo.

**\*Belle of Georgia (F)**, greenish white with blush on sunny side; good quality; tree a vigorous grower and good bearer; quite hardy—a red and white Elberta. CS

The best white freestone peach tested at this station.—Ill. Exp. Sta.  
A grand peach that stands as one of the leaders as a money maker; hardy in tree, prolific and of highest quality. This variety never fails or deceives you.—Report Western N. Y. Horticultural society.

**\*Fitzgerald (F)**, yellow, largely overspread with dark rich red; good quality, hardy, and fine, strong grower, young bearer. NCS

## 1-Year

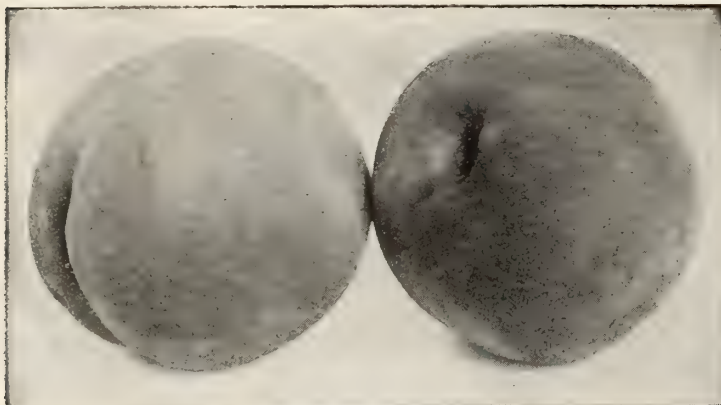
XXX, 5 to 7 ft.				XX, 4 to 5 ft.				X, 2 to 4 ft.			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
40¢	\$3.50	\$30	\$230	35¢	\$3.00	\$25	\$190	30¢	\$2.50	\$22	\$170
35	3.00	25	190	30	2.50	22	150	25	2.20	18	120
35	3.00	25	190	30	2.50	22	150	25	2.20	18	120
30	2.50	22	150	25	2.20	18	120	20	1.80	14	100
40	3.50	30	230	35	3.00	25	190	30	2.70	22	150
35	3.00	25	190	30	2.50	22	150	25	2.20	18	120
35	3.00	25	190	30	2.50	22	150	25	2.20	18	120

The McCune farm, 184 acres, fronting on the Bowling Green highway and the Chicago & Alton railway has been purchased by Stark Bro's N. & O. Co. This farm is in a high state of cultivation and is one of the best farms in the county. It will now become a part of the home plant of this firm. The purchase price is said to have been in the neighborhood of \$20,000. This addition gives this firm a large acreage here. At Rockport, Ill., a short distance from the home nursery, they have also increased their acreage, now having five fine Pike county farms in growing nursery stock. At their Dansville, N. Y., branch they have also recently added an adjacent nursery farm to their extensive property. Stark Bro's are always on the lookout for good nursery land—and they know good land when they see it.—Louisiana Press-Journal, April 26th, 1909.

**Worth.**—Ripe August 20th, no yellow peach was better or larger; large as Brandywine, 25% more productive, 37-1-2% better, 25 days earlier. More productive than Conklin, 20% larger, 50% better, 4 days earlier. As productive as Crosby, 12-1-2% better, 33-1-3% larger, 26 day earlier. Ripens with Early Barnard, less productive, 37-1-2% larger 37-1-2% better. Eight days earlier than Capt. Ede, 12-1-2% more productive, 16-2-3% larger, 25% better. Productive as Elberta, larger, 11 days earlier, 30% better quality. Ten days later than Foster, better, larger. Larger than Globe, 37-1-2% more productive, 37-1-2% better, Nineteen days earlier than Gold Drop. 12-1-2% more productive, 18% better, more than twice as large. Better than Kalamazoo, 11 days earlier, less productive 37% larger. Large as Lemon Free, 37 days earlier, 100% better, 115% more productive. Twice as productive as Wager, 24 days earlier, 25% larger. Large as Reeves Favorite, more productive, 20% better, 4 days earlier.—Bulletin 143 Michigan Experiment Sta., by T. T. Lyon.

**The Result of a Perfect System.**  
—My order was filled exactly as given, I am delighted with the system shown by your men. A firm that does business in such a systematic way must grow good trees. I wish I had discovered you sooner.—S. G. Perry, Litchfield Co., Conn.





Elberta (the Queen)



Krummel October

## PEACH, Continued.

### 1-Year

\***Elberta** (Queen), (F) large to very large; yellow, with beautiful blush; firm, a little coarse, but tender and good; while quality is not the highest, it has made more money for the orchardist than any other peach; tree a rank, vigorous grower, healthy, fairly hardy; one of the most dependable. CS  
A splendid lot of small 1-year Elberta, stocky, healthy—2 to 3 ft., \$90.00 per thousand; 1 to 2 ft \$60.00 per thousand.

\***Carpenter Cling**, large white, slightly blushed; firm, juicy, highly flavored, heavy bearer. CS

Bore a good crop again. Always bring a high price, recommended for planting.—Illinois Exp. Station.

\***Washington** (Future Great) (F), large creamy white, blushed; red, firm, juicy, good; well known, and one of the very best in quality. CS

\***Chilow Cling**, rich yellow, blushed red, an excellent shipper; strong grower, productive. CS

The best yellow cling of its season.—E. W. Kirkpatrick, Collin Co., Tex.

**MUIR** (F), originated in California; light yellow, seldom showing any trace of red; a favorite in California; for canning and drying it has no superior. CS

**Frances** (F), yellow washed and striped crimson, handsome; an excellent sort to follow Elberta; tree vigorous, heavy bearer; hardy in wood and bud. CS

Of the Elberta type; seems promising; hardy, vigorous and productive, large, handsome, of good quality; ripens just after Elberta which is a valuable point in its favor.—E. H. Riehl, in Colman's Rural World.

\***Crothers Late** (F), creamy white with bright blush, very handsome; one of the best late white peaches; tree vigorous, hardy. CS

\***Poole Favorite** (F), large yellow, shaded red; fine grained, sweet and delicious, excellent for canning, shipping or drying; Krummel more valuable; hardier. CS

\***Longhurst** (F), richly colored, smooth and handsome; good quality, good shipper; tree hardy, productive. NCS

**Crawford Late Imp'd** (F), hardier, later, surer bearer, larger, finer in quality than old strain; only fairly hardy. CS

\***Chair's Choice** (F), very best of the Crawford family. CS

\***Champion** (F), large to very large, creamy white with light blush; very high quality, rather tender for long shipment, but a splendid home and local market peach; very hardy. NC

ts extreme hardness and productiveness render it a never failing source of profit. Have never known the variety to fail. As a canning peach has few superiors, retaining its flavor indefinitely.—Report Western N. Y Horticultural society.

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 2 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
35¢	\$3.00	\$25	\$190	30¢	\$2.70	\$22	\$150	25¢	\$2.20	\$18	\$120
35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
40	3.50	30	230	35	3.00	25	190	30	2.70	22	150
30	2.70	22		25	2.20	18		20	1.80	14	
30	2.70	22		25	2.20	18		20	1.80	14	
35	3.00	25		30	2.70	22		25	2.20	18	
30	2.70	22		25	2.20	18		20	1.80	14	
35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
35	3.00	25	190	30	2.70	22	150	25	2.20	18	120

**Senator the Best.**—Hon. Parker Earle, the New Mexico orchardist, and an apple authority who stands second to none, told Messrs. Irvine and Campbell, of the Fruit-Crower and Mr. W. P. Stark on their recent visit there that in his judgment Senator was the finest apple we have ever sent into the Pecos Valley, and a sort that should be planted more largely; says it is one of the really good things that has been overlooked by New Mexico orchardists. He anticipates the fruiting of Delicious and King David this season. Senator is rapidly coming to the fore as a commercial sort; it is superbly beautiful and will sell on any market, and its singularly fine quality places it in a class with Stark Delicious and Stark King David. We are proud of the record Senator is making, not only in the Pecos Valley but everywhere. In the Ozark fruit belt it is one of the finest; throughout the east and central west it is proving its worth, and in the west and northwest it is making friends wherever it fruits. In Montana many orchardists prefer it to McIntosh. When buying Senator trees planters should be careful to secure the true Senator. A mistaken idea of some pomologists is that it is identical with Oliver Red. The Oliver Red (also called Ohio Red) originated in Ohio and is an apple of poor quality and is of little value. Senator originated in northern Arkansas, where it was known locally as All-Over Red. The similarity of sound confused it with the worthless Oliver Red. The variety was first propagated and sold by us under the name of Senator. Do not buy Oliver Red—it is not valuable.

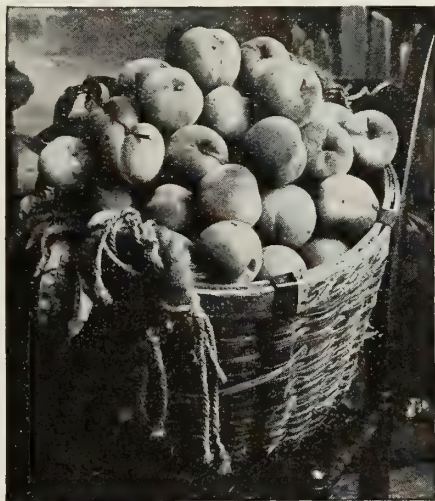
The Stayman Winesap is Col. Earle's personal favorite; he has planted it largely. His advice is to plant more Stayman Winesap and fewer Old Winesap, which he is discarding. Mo. Pippin discarded because of the miserable sawdust quality. He is also a pear specialist and considers their culture one of the most profitable industries for the Pecos Valley, because of the health and vigor and freedom from blight of the trees and the superb quality of the fruit.

The great orchard planted by Col. Earle and Stark Bro's in the Roswell country, in all, 500 acres closely planted, stands as a monument to the enterprise and is a credit to the country; a pioneer orchard which has more than made good. In planting, the filler plan was used, and Col. Earle still uses the same plan in planting. The only drawback to the filler plan, as we see the matter, is the failure of orchardists to cut out the filler before the permanent trees are injured. For particulars concerning fillers, varieties to use, etc., see page 3 of this list.



### 1-Year

**\*ILLINOIS (F)**, originated near North Alton, Illinois; large to very large, beautiful, marked with bright red, highest quality, extremely hardy; remarkably free from rot; a splendid shipper; best. Quality, beauty excels Champion. NCS I can not but regard it as far superior to anything else in its class.—E. H. Riehl, Illinois Experiment Station.



## A Basket of Illinois

\*Banner (F), yellow with deep crimson blush; excellent quality; very hardy and is claimed will bear larger crops farther north than almost any other peach. NCS

Will succeed in cold climates where others fail; excellent shipper for distant market.—North American Horticulturist.  
Far ahead of anything I have ever seen.—J. L. Hilborn, Ontario, Canada.

\***Edgemont Beauty (F)**, rich yellow with red cheek; similar to Crawford Late but larger, better, hardier and a better bearer. NCS

\*Pres't Lyon (F), uniformly large, overspread with red; quality strictly first class, better than Crawford Late. NCS

**LOVELL** (F), very large, shaded red; firm, rich, excellent, fine for shipping, canning, or drying; a favorite in California. Good grower, heavy bearer. CS

Superb canning and drying peach, more in demand by canners and commands higher price than any other freestone.—Geo. C. Roeding, Calif.

\***Sea Eagle Imp'd (F)**, a very prolific late white flesh variety, producing fruit of great beauty and enormous size, superior to old Sea Eagle which has proven widely valuable; high flavor, very prolific, best of its season. With us it has proven surprisingly hardy, both in tree and fruit bud. CS

We live too far north for most peaches but Sea Eagle Improved will stand about three out of five winters. Elberta does not bear here unless covered up.—P. R. Harris, Colorado, in Rural New Yorker.

**TUSCAN CLING**, medium to large, roundish, blushed red, flavor very good; tree vigorous, strong grower. CS

\***LATE ELBERTA** (F), identical with Elberta in size, color, shape, and quality; ripens a month later, thus lengthening the Elberta season. CS

**PHILLIPS CLING**, fine, medium size, yellow cling, exceedingly rich, a favorite in California, a very small pit. CS

Smock Imp'd (F), (Geary Hold-on), large yellow, mottled with red; moderately rich and juicy; good. CS

\***Klondike** (F), white, largely colored with brilliant red; one of the most beautiful peaches grown; quality very best; tree perfectly healthy; very productive. CS

XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 2 to 4 feet			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
50¢	\$4.50	\$40	\$330	40¢	\$3.50	\$30	\$250	35¢	\$3.00	\$25	\$190
30   2.70   22   150				25   2.20   18   120				20   1.80   14   100			
35   3.00   25   190				30   2.70   22   150				25   2.20   18   120			
30   2.70   22   150				25   2.20   18   120				20   1.80   14   100			
40   3.50   30   230				35   3.00   25   190				30   2.70   22   150			
40   3.50   30   230				35   3.00   25   190				30   2.70   22   150			
40   3.50   30				35   3.00   25				30   2.70   22			
40   3.50   30   230				35   3.00   25   190				30   2.70   22   150			
40   3.50   30				35   3.00   25				30   2.70   22			
30   3.70   22				25   2.20   18				20   1.80   14			
35   3.00   25   190				30   2.70   22   150				25   2.20   18   100			

**Krummel October**, the best paying peach I know of. Bears every year and brings top prices. Better than Salway in every way—size, shape and color. Does not rot as badly as Salway, hangs better, averages larger, in fact, a better peach in every respect.—N. Waterhout, St. Louis Co., Missouri.

**Capt. Ede.**—As you say, much better than Elberta, not so well colored, but much better quality and much hardier, have the two growing side by side; Elberta buds were practically all killed but Capt. Ede loaded to the tips with buds.—J. M. Irvine, Editor Western Fruit Grower.

**Carman** beats anything we have on the place this year; trees are just loaded, the fruit is large and highly colored, and unlike other peaches, it does not rot; nearly every peach taken from the tree goes into the basket and they have always sold for a good price.—E. H. Riehle, Ill. Experiment Station.

**ILLINOIS PEACH** originated with E. H. Riehl, North Alton, Ill., Hort. Editor of Colman's Rural World, than whom there is no better authority on peaches. Mr. Riehl says, "the original tree came up within 2 feet of an old Heath Cling, grew up thru the branches of the parent tree and was soon larger of the two. Bore abundantly when quite young, producing fruit of **largest size**, in quality **perfection itself**. Perfectly free. I regard it as **far superior to anything else in its class**. Doubtless a Washington-Heath Cling cross; the very best of parentage."

**Ray.**—Have been growing it for a number of years. It has been a very satisfactory peach with me. Had an equal number of trees of Ray and Hiley; from the Ray I got 1600 crates and from the Hiley 100.—W. F. Allen, Ex-President Peninsula Horticultural Society.

**Capt. Ede.**—Tree strong, hardy and yields well; compares favorably with Carman and Champion in point of hardiness.—Ohio Experiment.

**Arp Beauty.**—By far the best flavored peach of the season. About the size of Yellow St. John. There are about 200 acres planted to this variety in this vicinity.—Dr. H. V. Collins, Cherokee Co., Texas.

**Late Elberta.**—About 30 days later than its parent; valuable.—E. W. Kirkpatrick, Tex.

**Mam. Heath Cling.**—Originated in Mo. Finest Heath strain. Am growing it in preference to Wilkins, etc.—excels in size, in smooth, clean, surface.—J. W. Kerr, Md.

**Salway.**—One of the most profitable sorts with me. Fine bearer; brings good prices on the market.—Major Frank Holsinger, Ex-Pres't Kans. Hort. Soc.



## PEACH, Continued.

### 1-Year

	XXX, 5 to 7 feet				XX, 4 to 5 feet				X, 2 to 4 feet			
	Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
* <b>MAMMOTH HEATH CLING</b> , very large, creamy white blushed; rich, sweet, delicious; tree hardy, vigorous. CS,	50¢	\$4.50	\$40	\$330	40¢	\$3.50	\$30	\$250	35¢	\$3.00	\$25	\$200
<b>Stark Heath Cling</b> , clear white, blushed; small pit, tender, melting, juicy; rich, most luscious flavor. In our orchards one of the finest of the Heath strain. CS	50	4.50	40	330	40	3.50	30	250	35	3.00	25	200
Thirteen days later than Ringgold (Wilkins), 15% larger, better. Later by 13 days than Mam. Heath, 80% better. Three days later than old Heath Cling, 100% more productive.—Bulletin 143 Mich. Exp. Sta.												
* <b>Oriole Cling</b> (Orange), greenish yellow, striped red; firm; of good flavor. CS	35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
* <b>Salway</b> (F), large dull yellow, mottled with brownish red; well known and popular; strong grower, productive. CS	35	3.00	25	190	30	2.70	22	150	25	2.20	18	120
* <b>OCTOBER ELBERTA</b> (F), averages slightly larger than Elberta, better quality, splendid tree; very productive. CS	40	3.50	30	230	35	3.00	25	190	30	2.70	22	150
* <b>KRUMMEL OCT.</b> (F), large, round, deep yellow, blushed carmine; one of the very best and most prolific; late keeper; better than Salway. Extremely hardy; the most profitable and best yellow freestone; plant commercially. CS	40	3.50	30	230	35	3.00	25	190	30	2.70	22	150
Bear very heavy crops; the best paying peach I know; always brings top price.—N. Waterhout, St. Louis Co., Mo.												
Krummel has proven a better peach with me than Salway. It is very hardy as far as frost is concerned. It is much larger than Salway, and on the same ground is a little better color. Since they begun bearing we have had two years with heavy frost in spring and Krummel has stood the cold in good shape.—Robt. Porter, Santa Clara Co., Calif.												
* <b>Levy Late Cling</b> (Henrietta), very large, deep yellow with a shade of brownish yellow; hardy in bud and tree; strong thrifty grower, good bearer. CS	35	3.00	25	190	30	2.70	22	150	25	2.20	18	150
<b>Bonanza</b> (F), very large, white, sometimes slightly blushed; firm, fine grained; tree not very prolific. CS	30	2.70	22	150	25	2.20	18	120	20	1.80	14	100
Seedlings—Elberta, Gold Drop, Select.	25	2.20	18		20	1.80	14		15	1.30	11	

Hon. Silas Wilson of Canyon Co., Idaho writes: "I advocate planting 1-yr. trees and my experience is that Stark Trees have the best root system of any trees coming in here; you are without a doubt the best propagators, have the best system, methods and facilities. No Nurseries in the irrigated valleys can compete with your Missouri conditions for producing good stock." As Mr. Wilson is an experienced propagator, having spent many years in the nursery business, he speaks as one who knows. Continuing, Mr. Wilson says: "at one of our fairs Prof. Shinn asked me to name an apple labeled 'unknown' which he said was 'delicious.' I replied, you have named it, 'Delicious.' I brought a box of them home with me and everybody went wild over them." It is the same old story everywhere.

**Would pay \$1.00 each for Delicious.**—Have 100 Delicious trees coming into bearing. Could I do no better would gladly pay \$1.00 each for the trees —B. N. Hickson, Yakima Co., Wash.

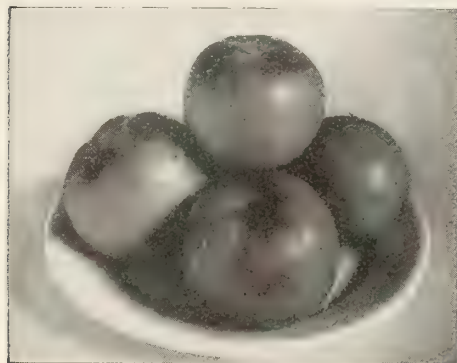
**Plant Peach Trees.**—Every owner of a piece of land, even tho no larger than a town lot, should plant at least two or three. No other fruit tree produces so quickly and abundantly, and with such satisfactory regularity. No other fruit is so universally popular among all classes and in all markets. Planted in commercial quantities in suitable soil and location, no other fruit is more profitable to the grower. On town and city lots, as well as in all family plantations, peach and cherry should predominate; with very little attention the trees may be grown into beautiful specimens, fitting ornaments to any grounds. But the supreme satisfaction of the planter of a peach tree comes with the ripening fruit—great globules of delicious, juicy pulp, so far superior to the green picked, distant-shipped peach as to be scarcely recognizable as the same fruit.

**Capt. Ede.**—Hardier than Elberta, better in quality, though not quite so large. For some years have been fruiting the two sorts and have realized more profit from Ede than Elberta.—E. H. Riehl, Illinois Experiment Station.

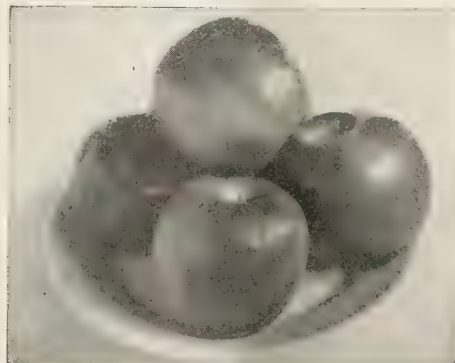
**Stark-Star Best Grape for the South.**—Frost injured some of my grapes, but not Stark-Star. It is never hurt by frost. It is the finest grape for the south. Ripens here about the 15th to the 20th of October, and when fully ripe you can smell them all over the place. They are one and the largest and prettiest bunch I ever saw—almost perfect.—Dr. E. L. Morris, Fayette Co., Tenn.

**Delicious in Pennsylvania.**—Prof. Watts, Prof. of Horticulture at the State College, stated that the Experiment Station at Geneva, N. Y. had a Delicious tree fruit last season, and it was the opinion there that the quality was even better than that of the Oregon grown fruit.—Prof. T. C. Foster, Pa. Experiment Station.

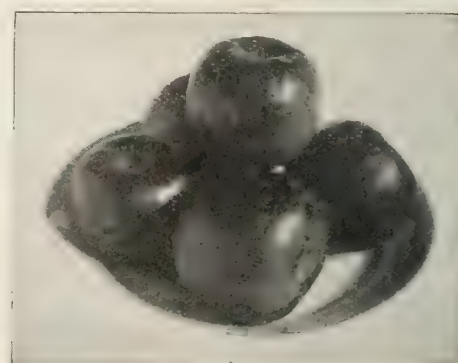
**Delicious in Michigan.**—I have Delicious trees in bearing, quality of the fruit cannot be excelled.—Jos. A. Butler, Emmet Co., Mich. The old Delicious tree has never failed to bear, but in 1907 was a light crop.—S. L. Hiatt, Des Moines Co., Iowa, owner of original tree of Delicious.



Wismer Dessert



York Imperial



Spitzenburg





Tilton Apricot



Blenheim Apricot



Colorado Apricot

## APRICOT.

American varieties—Royal, Tilton, Montgamet, Blenheim, Colorado, etc. should be planted in the far west. The select Russians, Early May, Superb, Alexander, etc., should be planted where hardy sorts are required.

**Early May**, good size, good quality, valuable. CS

\***SUPERB**, origin Kansas, excellent quality, very hardy, heavy bearer, firm, subacid. NCS

\***Royal**, dull yellow with orange cheek, juicy, rich flavor, a great favorite for canning and drying. CS

\***Montgamet**, pale yellow, tinted red, juicy and agreeably acid. CS

\***Harris**, bright yellow, red cheek, juicy, good quality, hardy and productive. NCS

\***TILTON**, very large, highly flavored, very productive, hardy. NCS

\***BLENHEIM**, deep orange, sometimes blushed; tender, melting, splendid flavor, tree vigorous, dependable. CS

\***Moorpark**, the standard of excellence, deep yellow, brownish red if exposed to the sun; luscious. CS

\***Wenatchee Moorpark**, the finest strain of Moorpark. We propagate from a select strain of the famous Wenatchee Moorpark. CS

**Wenatchee Moorpark**, June budded, 2 to 3 ft., \$40 per hundred; under 2 ft., \$30 per hundred.

**Alexander**, orange yellow, spotted red, sweet, juicy, good; tree prolific, hardy. NCS

\***COLORADO**, very large, tree heavy bearer, one of the best of all apricots; very hardy. NCS

\***STELLA**, unsurpassed for productiveness, size, color and quality; an origination of Theodore Williams; very valuable. NCS

### 1-Year

	XXX, 5 to 6 ft				XX, 4 to 5 ft				X, 3 to 4 ft			
	Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
	50¢	\$4.50	\$40	\$	40¢	\$3.50	\$32	\$	30¢	\$2.50	\$23	\$
	50	4.50	40		40	3.50	32		30	2.50	23	
	60	5.50	50	400	50	4.50	40	330	40	3.50	32	250
	50	4.50	40	330	40	3.50	32	250	30	2.50	23	180
	60	5.50	50	400	50	4.50	40	330	40	3.50	32	250
	60	5.50	50	400	50	4.50	40	330	40	3.50	32	250
	60	5.50	50	400	50	4.50	40	250	40	3.50	32	250
	50	4.50	40	330	40	3.50	32	250	30	2.50	23	180
	75	7.00			65	6.00			55	5.00		
	50	4.50	40		40	3.50	32		30	2.50	23	
	75	7.00	65	500	65	6.00	55	450	55	5.00	45	370
	75	7.00	65		65	6.00	55		55	5.00	45	

Apricots, even more than peaches, should have most favorable location and deep, well-drained soil—they are much like cherries in latter respect. One of the best of all Apricots, everything considered is the Stella. We advise the planting of this grand new sort. Very hardy.

**Colorado Apricot:** From the Grand Valley, Colo., where it is preferred to others. Freezes back less than any other sort. Tree is the heaviest bearer and fruit the largest of all apricots grown in that vicinity. Prof. Fred Halverhout, Mesa Co., Colo., an experienced commercial orchardist says: The best I ever saw anywhere and you can recommend it, at least for the western slope.

**Stella Apricot:** Originated by the late Theo. Williams, of Neb. Unsurpassed for productiveness, size, color and quality. Strong grower, large, beautiful foliage, entirely hardy in Nebraska where very few apricots will stand. In STELLA we firmly believe we have the **hardest** Apricot of good quality ever offered the public.



Royal Apricot

We have received the following letter from Mr. T. H. Todd, Treasurer of Missouri State Board of Horticulture, who has returned from the apple growing regions of the west where he has been studying conditions relative to fruit growing in that great apple country.

"It seems to me if there ever was a time to reform fruit growing in the middle west it is now. I mean in the way of growing better fruit, which means planting of better varieties. We fruit growers realize we have been planting too many Ben Davis and others of this kind and we should begin to think seriously of this question. We have made a mistake in the past by so doing, and we should acknowledge it by our actions in the future. If we increase the consumption and meet the demands of the trade, we must plant such varieties as will produce fine quality apples, especially when some leading nurserymen are putting on the market sorts that have

been tested and tried, and found to be superior to many of our old sorts. For varieties to plant, I would recommend a few I saw growing in different localities I visited, such as Stayman Winesap, Senator, King David, McIntosh, Champion, Chicago, Spitzenburg, Winter Banana, White Winter Pearmain, and last but not least Delicious, the Queen of all apples. In the 27 different places I stopped, I found Delicious a perfect success, free from scab and all other imperfections.

"If we would compete with the west where they have been experimenting for years and have found that it does not pay to grow Ben Davis, Missouri Pippin, etc., which when I left were selling at from 50 to 66¢ per box, while many of their best varieties were selling at from 75¢ to \$1.40 per box, we must plant better sorts. The above districts mentioned are top grafting their Ben Davis, etc. to better varieties."





A magnificent block of Cherry in our Dansville, N. Y., Nurseries

*"Photographs cannot lie; they must show just exactly what comes before them. As halftones are EXACT reproductions, they are necessarily true to nature.—Rural New Yorker.*

We believe in photographs, and we use them because they show fruits and views as they actually are—real fruits, actual scenes. Of course there is nothing artistic about illustrations used in this small publication—we do not intend them to please the eye of the artist, but to show to the fruit grower actual photographs of objects around which his interests center.

Farmers and Fruit Growers should be readers of horticultural papers—edited by up-to-date people, advocating up-to-date methods; who keep in touch with things horticultural and give their readers the benefit of the experience of men who work to advance the cause of horticulture. Read such publications as the "Western Fruit Grower," St. Joseph, Mo., and "Better Fruits," Hood River, Ore., and you will find in many cases that the valuable information contained in one issue worth several times the cost of the publication for the entire year. Our advice to every man or woman who plants trees or plants, no matter how small the planting, to read these great papers and learn from the experience of others just how to care for them.

**A Dread of Freight Charges** not only prevents many from ordering direct from some well-known nursery, but often leads them to buy, they know not what, from irresponsible dealers. Our plan not only puts a nursery at your door, but gives you as low prices as are ever given on good trees. Your dollars paid for Stark Trees are well invested, if paid for poor trees they are thrown away.

**Personal Statement.**—Our object throughout these pages has been to tell tersely and honestly facts concerning varieties, to recommend to the planter sorts he should buy and to discourage the planting of sorts experience has shown should be let alone. We have tried to be absolutely fair with each variety, to tell the exact truth concerning it, for its faults should be known as well as its good qualities. Our aim and desire is to make friends of all who buy our trees, and we know the easiest way to do this is to furnish each one only trees and vines of varieties which will grow well and bear well in his particular neighborhood. This is our object in all our literature. Description of varieties are necessarily condensed in this list, but we have tried to make them plain; have given facts as we have found them in our own experience, and as shown by test in other experiment orchards in many states.



Portage Gooseberry



The Original Tree of King David Apple



Josselyn Gooseberry





**Omaha**, the grand new plum originating with Theodore Williams of Nebraska, the Burbank of the northwest. "No plum in existence as Cosmopolitan as Omaha. It fruits in Alberta and south to the gulf. Prof. Waugh says best for Vermont, and has been tested west to Oregon."

## PLUM

Class of variety is shown by letter in parenthesis following the name. H-Hybrid, J-Japanese, N-Native, D-Domestic or European. Each class is arranged according to season of ripening.

**Combination (H)**, Burbank creation, large, light crimson, of very best quality, handsome; not hardy. CS

**Shiro (H)**, another Burbank creation, pure yellow, beautiful plum but blights, not dependable; America better. NCS

**\*America (H)**, this and Gold the two best Burbank creations for territory east of the Rocky Mountains, large, glossy coral, red, very beautiful; almost proof against rot and insect attack; young bearer, of wide adaptability. NNCS

**Gonzales (H)**, bright clear red, very showy; firm, sweet, sprightly, heavy bearer, valuable; not quite hardy north. CS

**\*OMAHA (H)**, originated by Theodore Williams of Nebraska, "the Burbank of the Northwest." Large, coral red, very handsome, flesh rich yellow, firm, juicy, highly flavored, high quality; vigorous, extremely hardy. NNCS

**\*GOLD (Trade-Mark) (H)**, Burbank's greatest origination, succeeds everywhere, clear light golden yellow with beautiful blush, delicious when ripe. NNCS

**\*STELLA (H)**, another Theodore Williams' plum, beautiful, dark purple, very large, highest quality; tree enormously productive, hardy. NNCS

**\*Earliest of All (J)**, medium size, solid red, only fair quality good cooker, tree thrifty, great cropper. NNCS

**\*Red June (J)**, solid red with blue bloom, does not drop, good quality, fine canning variety; tree healthy, hardy. A sure cropper. NNCS

**\*Abundance (J)**, the most popular of all pure Japanese plums, large, rich red, firm, sweet, excellent, profitable market sort. NCS

**Perry (J)**, rich dark colored flesh, good size, excellent quality, keeps well; very hardy. NCS

**Climax (J)**, another Burbank production, heartshaped, highly colored, large, firm, fragrant, but tree not dependable. NC

**\*Burbank (J)**, large, mottled red and yellow, ships well, sells well; subject to rot unless thinned and sprayed. NCS

**\*Orient (Chabot) (J)**, very large, in color and shape resembles Burbank, quite hardy, strong, vigorous grower, valuable. NCS

## 2-Year

XXX, 5 to 7 ft.				XX, 4 to 5 ft.				X, 3 to 4 ft.			
Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
55¢	\$5.00	\$	\$	45¢	\$4.00	\$	\$	35¢	\$3.00	\$	\$
55	5.00			45	4.00			35	3.00		
55	5.00	45	370	45	4.00	35	290	35	3.00	27	200
55	5.00	45	370	45	4.00	35	290	35	3.00	27	200
75	7.00	65	500	65	6.00	55	450	55	5.00	45	360
65	6.00	55	450	55	5.00	45	370	45	4.00	35	290
75	7.00	65	500	65	6.00	55	450	55	5.00	45	370
55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
75	7.00	65	500	65	6.00	55	450	55	5.00	45	370
65	6.00			55	5.00			45	4.00		
55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
55	5.00	45	380	45	4.00	35	200	35	3.00	27	200

**GOLD**, was Mr. Burbank's first great origination, and was his first choice from among twenty million hybrid and cross-bred seedlings grown by him. It is fruiting successfully in almost every state in the union. One of the most beautiful of all plums, as well as one of the most delicious when fully ripe.

**Flavor of fresh honey.**—I have a good orchard and a succession of plums from June 1 to September, but nothing to compare with Gold. It has qualities that no other plum possesses so far as I know, and as a preserving plum it is perfection itself, the peeling or rind dissolves in cooking, leaving the flesh whole on the seed with the flavor of fresh honey. I want to put my neighbors and good friends in possession of the best plum the earth produces.—T. E. KEITH, Shackelford Co., Tex

**Gold, America, Shiro and Climax** loaded again; hard to say which is the best.—W. H. SCOTT, Laclede Co., Mo.

**America** is a valuable plum and sells well; its early ripening is a feature.—DR. G. L. TINKER, Tuscarawas Co., Ohio.

**America** is one of the finest plums I ever tasted; color so attractive it is nearly irresistible.—S. D. WILLARD, Ontario Co., N. Y.

**America** is the best variety to fruit here. Trees were loaded with large handsome fruit of good quality.—REPORT ILL. EXP. STA. No. 8





A field of 2-yr. apple—all whole-root trees, in our nurseries in the Ozark Mountain orchard country

## PLUM, Continued

	2-Year											
	XXX, 5 to 7 ft.				XX, 4 to 5 ft.				X, 3 to 4 ft.			
	Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
<b>Wickson (J)</b> , one of the largest of all plums, oblong, pointed, dark brownish red, quality very good; tree vigorous, not sufficiently hardy to stand severe cold. CS	55¢	\$5.00	\$	\$	45¢	\$4.00	\$	\$	35¢	\$3.00	\$	\$
<b>*Satsuma (J)</b> , dark purplish red, not hardy north, productive. CS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>Sultan (J)</b> , another Burbank production, huge, oval; deep purplish crimson; handsome, but not productive. NCS	65	6.00			55	5.00			45	4.00		
<b>*PURPLE FLESH (J)</b> , one of the very hardiest, more valuable than Sultan or Satsuma; high quality. NNCS	75	7.00	65	500	65	6.00	55	450	55	5.00	45	370
<b>*Waugh Hybrid</b> , dark reddish purple, flesh firm, juicy, sweet; tree vigorous, healthy. NCS	65	6.00	55	450	55	5.00	45	370	45	4.00	35	290
<b>*Milton (N)</b> , large, red, skin thin; flesh firm, juicy, sweet, satisfactory; tree productive. NCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>*Wild Goose Imp'd. (N)</b> , this strain has many points of superiority over old Wild Goose; larger fruit, healthier tree, more prolific; bright red, sweet, juicy, good. NCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>*Poole Pride (N)</b> , light crimson with thin lilac bloom, delicious for preserves and jelly, sure and prolific. NCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>*Muncy (N)</b> , an improved Poole Pride, wondrously productive. NCS	75	7.00	65		65	6.00	55		55	5.00	45	
<b>*Hammer (N)</b> , dark red, juicy, good quality, productive. NNC	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>*Freestone Goose (N)</b> , an improved Wild Goose, darker, larger. Tree hardy and healthy. Valuable. NNC	75	7.00	65	500	65	6.00	55	450	55	5.00	45	370
<b>*Terry, (N)</b> , red; Hon. H. A. Terry's very best; prolific. NCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>*De Soto (N)</b> , iron-clad in hardiness, medium size. NN	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200

## AMERICA, one of the most

beautiful plums in existence, and the most delicious; almost proof against rot and insect attack. This and Gold two of Mr. Burbank's most valuable introductions for the territory east of the Rocky Mountains.

**Omaha Plum:** "There is no plum in existence as cosmopolitan as Omaha. It fruits in Alberta and south to the gulf. Prof. Waugh says, 'Best for Vermont'; has been tested west to Oregon. Omaha is from a pit of the largest Americana plum—and most vigorous tree—pollinated with Burbank. Enormously productive. The picture is of the original Omaha tree in full bloom, after a month of freezing, and has fruit on it now, April 30, though 8 degrees below freezing this morning." **LATER, 1907:** "Omaha trees have set a full crop of fruit, as they **always do**. Omaha, Freestone Goose and Victor are all full. I send photos of Stella Apricot, Omaha and Stella Plums that will interest you greatly."—THEO. WILLIAMS, Neb.



## PLUM, Continued

**SPECIAL PRICES.**—Where buyers prefer to pay their own freight and boxing, assume all risk, send list of stock wanted and we will quote you net prices.

\***DAISY** (N), one of the best of Theodore Williams' new plums. NNCS

**VICTOR** (N), another of Theo. Williams' fine new plums. NNCS

\***Miner—Forest Rose** (N), medium size, red, handsome, splendid for canning and cooking, and sells well; tree vigorous, hardy. NCS

\***LATE GOOSE**, from the late Theo. Williams of Nebraska; very large, handsome, promising. NNCS

\***MATHEWS** (N), dark red, delicious, splendid keeper; tree thrifty grower, very prolific, very hardy. NNC

\***Tatge** (D), larger than Lombard, finer quality, darker colored, tree vigorous, prolific, healthy foliage, young bearer. NC

**Bradshaw** (D), dark violet red, juicy, good, slightly acid; productive, valuable. NC

\***Lombard** (D), violet red, good quality; east of the Rockies one of the best Europeans; tree vigorous. NC

\***Mo. Green Gage** (D), nearly twice as large, a better bearer, a stronger grower than old Green Gage; a most delicious plum. CS

\***Black Diamond** (D), dark purple, almost black, good bearer, shipper, excellent flavor; tree hardy, vigorous. NC

\***Imperial Gage** (D), large pale green, juicy, rich, excellent; tree vigorous, productive. NCS

**Yellow Egg** (D), large light yellow, firm, sweet, good quality when well ripened, very handsome; tree productive, hardy. NCS

\***Pond Seedling** (D), large light red, juicy, moderately rich, very attractive; tree vigorous and abundant bearer. NCS

**French Prune**, (D), egg shaped purple, sweet and rich; prolific; succeeds wherever the Europeans grow. NCS

\***German Prune** (D), very large, dark blue; dense bloom. NCS

**York State Prune** (D), similar to, if not identical with Italian prune. NCS

\***Fellenburg** (Italian Prune) (D), dark purple, medium size, flesh juicy and delicious, fine for drying. NCS

\***Damson, Free** (D), deep purple, delicious, fine for preserves, little affected by insects or disease, heavy bearer, valuable. NNCS

\***Damson Shropshire** (D), medium size, dark purple, vigorous but not as hardy as Damson Free; succeeds well south. CS

**Grand Duke** (D), very large, dark, rich purple, tree strong grower, heavy bearer. NC

**Reine Claude** (Bavay Green Gage) (D), green with red cheek, finest quality, excellent for canning, etc., not as hardy as Mo. Green Gage. NCS

## 2-Year

	XXX, 5 to 7 ft.				XX, 4 to 5 ft.				X, 3 to 4 ft.			
	Each	10	100	1000	Each	10	100	1000	Each	10	100	1000
* <b>DAISY</b> (N), one of the best of Theodore Williams' new plums. NNCS	75¢	\$7.00	\$65	\$	65¢	\$6.00	\$55	\$	55¢	\$5.00	\$45	\$
<b>VICTOR</b> (N), another of Theo. Williams' fine new plums. NNCS	75	7.00	65		65	6.00	55		55	5.00	45	
* <b>Miner—Forest Rose</b> (N), medium size, red, handsome, splendid for canning and cooking, and sells well; tree vigorous, hardy. NCS	55	5.00	45		45	4.00	35		35	3.00	27	
* <b>LATE GOOSE</b> , from the late Theo. Williams of Nebraska; very large, handsome, promising. NNCS	75	7.00	65	500	65	6.00	55	450	55	5.00	45	360
* <b>MATHEWS</b> (N), dark red, delicious, splendid keeper; tree thrifty grower, very prolific, very hardy. NNC	65	6.00	55	450	55	5.00	45	370	45	4.00	35	290
* <b>Tatge</b> (D), larger than Lombard, finer quality, darker colored, tree vigorous, prolific, healthy foliage, young bearer. NC	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>Bradshaw</b> (D), dark violet red, juicy, good, slightly acid; productive, valuable. NC	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
* <b>Lombard</b> (D), violet red, good quality; east of the Rockies one of the best Europeans; tree vigorous. NC	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
* <b>Mo. Green Gage</b> (D), nearly twice as large, a better bearer, a stronger grower than old Green Gage; a most delicious plum. CS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
* <b>Black Diamond</b> (D), dark purple, almost black, good bearer, shipper, excellent flavor; tree hardy, vigorous. NC	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
* <b>Imperial Gage</b> (D), large pale green, juicy, rich, excellent; tree vigorous, productive. NCS	55	5.00	45		45	4.00	35		35	3.00	27	
<b>Yellow Egg</b> (D), large light yellow, firm, sweet, good quality when well ripened, very handsome; tree productive, hardy. NCS	55	5.00	45		45	4.00	35		35	3.00	27	
* <b>Pond Seedling</b> (D), large light red, juicy, moderately rich, very attractive; tree vigorous and abundant bearer. NCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>French Prune</b> , (D), egg shaped purple, sweet and rich; prolific; succeeds wherever the Europeans grow. NCS	55	5.00	45		45	4.00	35		35	3.00	27	
* <b>German Prune</b> (D), very large, dark blue; dense bloom. NCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>York State Prune</b> (D), similar to, if not identical with Italian prune. NCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
* <b>Fellenburg</b> (Italian Prune) (D), dark purple, medium size, flesh juicy and delicious, fine for drying. NCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
* <b>Damson, Free</b> (D), deep purple, delicious, fine for preserves, little affected by insects or disease, heavy bearer, valuable. NNCS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
* <b>Damson Shropshire</b> (D), medium size, dark purple, vigorous but not as hardy as Damson Free; succeeds well south. CS	55	5.00	45	380	45	4.00	35	290	35	3.00	27	200
<b>Grand Duke</b> (D), very large, dark, rich purple, tree strong grower, heavy bearer. NC	55	5.00	45		45	4.00	35		35	3.00	27	
<b>Reine Claude</b> (Bavay Green Gage) (D), green with red cheek, finest quality, excellent for canning, etc., not as hardy as Mo. Green Gage. NCS	55	5.00	45		45	4.00	35		35	3.00	27	

Plums prefer rich, rather sandy or clayey-loam soil, not too wet; like all fruit trees, they can not thrive in cold, wet land. For the peach belt, many sorts, particularly the Japanese and their Hybrids, succeed best budded on peach root on which they make a stronger, thrifter growth, a larger tree, bear more and better fruit than when budded on plum; others do equally well on peach or plum, while a few must be grown on plum root exclusively, as they will not unite with peach. Like every other fruit, the plum has its enemies—black knot, curculio, etc., yet these troubles are more easily overcome than several affecting other fruits; anyone willing to give the orchard a reasonable amount of intelligent attention can make plum growing highly profitable. From among the many splendid sorts now in propagation can be selected those that will thrive in, we might almost say, every county in every state in the Union.

Technically, plums are divided into 10 classes, but for all practical purposes they may be divided into 4, which we designate with a simple letter after each name: N, Native, such as Wild Goose, De Soto, etc.; J Japanese—Abundance, Burbank; H, Hybrid—Gold, America, Shiro, D, Domestica, or the European type—Lombard, Damson; of the latter class we list comparatively few sorts, only those that have been successful in a degree throughout the country. Many of the Europeans are not worth planting east of Colo., but west are grown to perfection and are popular because they are fine shippers of high quality.

**America and Gold:** The cold snap of Feb., 8° below zero, killed all peach buds and was a severe test of hardiness of Jap. plums. Native plums have not suffered and most Jap. Hybrids showed more hardiness than their Jap. parents. Bartlett plum suffered most of all; Wickson for 3 yrs. has given no evidence of being harder than peaches. America and Gold showed 100% live buds. Abundance suffered but trifling injury; Climax and Gonzales seemed to be in equally good condition.—F. Moffit, Indiana.

**Red June:** This season's experience emphasizes its value; its finer color, good flavor, firm flesh and fine keeping qualities, together with its freedom from rot, very late blooming and abundant fruitfulness make it one of the most desirable plums for general planting.—Prof. F. S. Earle, Ala. Exp. Sta.

**Red June:** Four years ago bought a collection of Jap. plums. All of them died from the hard winter of '03 except Red June, it lived and fruited perfectly this year. We are 165 miles north of Toronto.—Fred J. Culyer, Canada.

**Black Ben.**—This variety should be planted in every case where an apple of the Ben Davis family is wanted. It will grow to perfection in any soil and in any climate that will produce the old Ben Davis and is its superior in every way, larger, solid, dark red in color, and better quality. We quote from a letter just received from R. A. Rollins, Flathead Co., Mont.: "Black Ben O. K., one of our very best, large size, well colored, and flavor far better than Gano or Red Ben Davis. My Ben Davis I top-worked to better varieties which have been tested here and found worthy of propagation. Of the Ben Davis family, you should sell nothing but Black Ben."

**Black Ben** doing fine here. Mr. Thurman showed me a beautiful specimen today; very highly colored. He thinks it will have a great future. Ben Davis no good—of very poor quality and does not mature.—J. M. Noble, Flathead County, Mont.

**My 500 Stayman Winesaps** bought of you six years ago are doing fine. Took some of the apples to the Wichita fair last week and received both first and second prizes. Twenty-one apples weighed 25½ pounds.—N. R. Smith, Sedgwick Co., Kan.

**Delicious better than McIntosh.**—Delicious and Black Ben stood the past winter; buds of several other varieties killed back. **Delicious better than McIntosh.**—W. J. Sawyer, Yellowstone Co., Mont.

**DELICIOUS** is undoubtedly the greatest apple in general cultivation today, and King David, wherever tested, is creating a sensation.

**King David** is a wonderful grower and seems hardy.—W. A. Rutter, Chisholm, Ontario, Canada.

**Highly praised.**—A fruit grower at Darby, this valley, has 800 of your Senator trees which promise to be valuable. This apple is being highly praised.—R. Parkhurst, Ravalli Co., Mont.

**LIVELAND RASPBERRY** is the finest, most beautiful, very early apple; ripens with Yellow Transp't, but covers much longer season. Quality **absolutely best**, both for eating fresh and cooking.

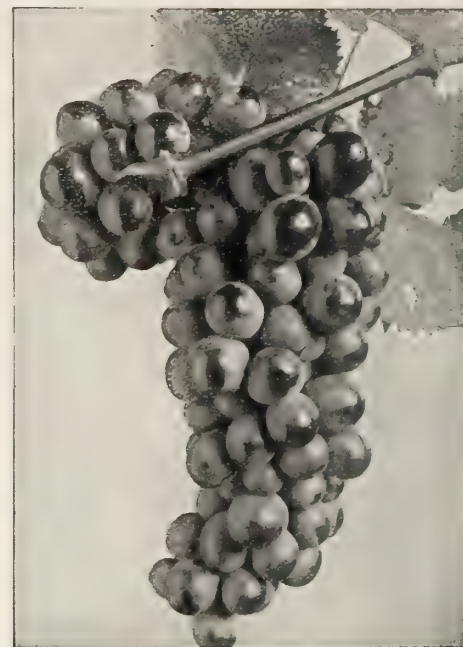




Diamond



Campbell Early



Worden

Please note particularly that Small Fruits and Grape Vines are tied in bundles of 25; hence we do not sell less than 25 of one sort and age at the hundred rate—as 25 Houghton gooseberry or 25 Concord grape, etc.; less than 25 of one sort and age will always be sold at each rate—as 3 Brighton Grape 1-yr. for 30¢; or 15 Pomona Currant for \$1.50; 25 of one sort at hundred rate; 300 or more of one sort at thousand rate—as 300 Cuthbert for \$3.60.

Stark Grape Nurseries at Portland, N. Y., are in the heart of the famous Fredonia-Chautauqua Grape Belt, which ships more carloads of grapes and produces finer vines than any other locality in the U. S. If buyer prefers to pay his own freight, boxing, assume all risks, send list wanted for quotations.

1-Year

GRAPE

2-Year

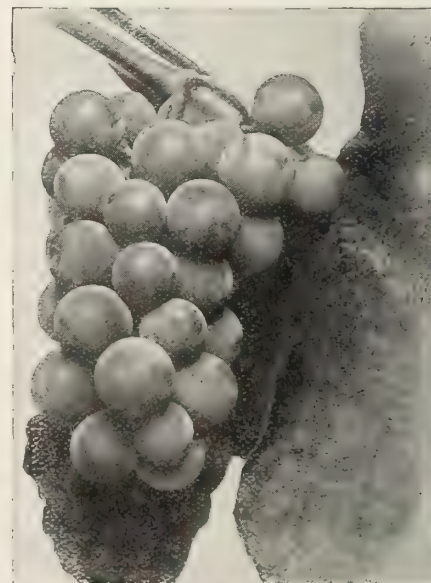
Each	100	1000
Medium size, No. 2, in 2-yr. and 1-yr. will be furnished at 70 % of price quoted on first grade stock.		



1-YR. AND 2-YR. GRAPE.

Each	100	1000
70¢   \$50.00   \$420		

As grown here Eclipse is the equal of Green Mountain in quality, and the earliest grape in the list of 160 varieties that have been fruited here. While it is about the size of Concord, it ripens all over at once, and is ripe as soon as colored.—Rural New Yorker.



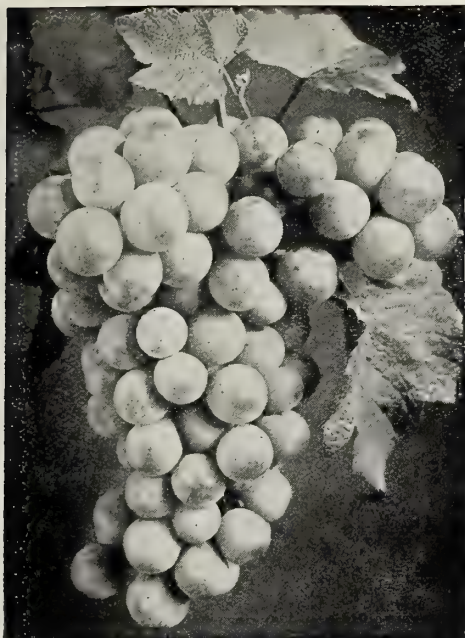
STARK ECLIPSE

50¢ | \$35.00 | \$300 **STARK ECLIPSE**, (Trade-Mark), black, the grandest of all the Riehl creations, earliest grape known, fine quality, vigorous; of the Concord type but better quality. NCS

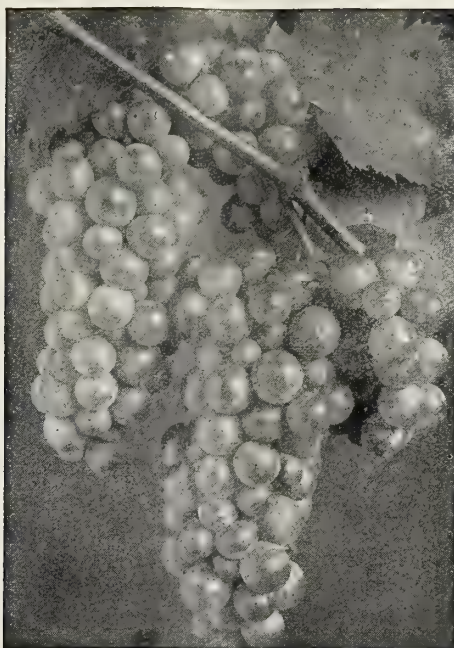
At the Experiment Station at Geneva, Eclipse is similar to Concord, but earlier and of better quality; vines are hardy, healthy and productive, promising well for commercial plantations.—"The Grapes of New York." Still holds its own as the best early grape, no grape comparing with it in earliness, healthy foliage, size of bunch and berry; destined to hold a large place for home and market. —Illinois Experiment Station. Eclipse is the best thing in sight for money anywhere south of latitude 39 degrees; I would sooner have it as a money proposition than any fifty other varieties you could name; have watched it for years and the only regret I have is that I haven't ten acres of them.—Geo. W. Endicott, Pulaski Co., Illinois.

One of the best early blacks, bore a good crop again, holds up well; good also for a market variety.—Report Illinois Exp. Station.

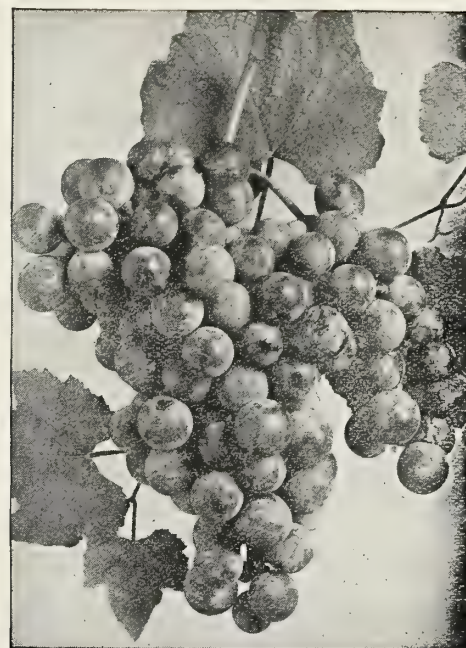




Niagara



Little Wonder



Lutie

1-Year

Each	100	1000
50¢	\$35.00	\$

## GRAPE, Continued

**SUNRISE** (Trade-Mark), earliest red grape known, originated by Prof. Joseph Bachman of Arkansas; a most beautiful grape, sweet and delicious. CS

If ever there was a grape that could be called delicious, Sunrise is that one the pulp goes all to pieces in your mouth.—E. H. Riehl, Ill. Exp. Station  
Quality high, with clusters and berries large. Being so early it must be a great local market and table grape.—T. V. Munson, Grayson Co., Tex.

**Green's Early**, white, bunch and berries medium to large; flesh tender, good quality; valuable for home and local market. NCS

**STARK KING PHILIP** (Trade-Mark), originated by N. B. White, Norfolk county, Mass., "the Burbank of the Bay State." His description follows: "Hardy, early, vigorous, has so far withstood the New England winters without protection and is as free from mildew as Concord or Worden. Fruit has the appearance and quality of Black Hamburg, is a most delicious grape, a long keeper and a good shipper; seldom has more than one seed, is perfectly tender to the center; unequaled by any other grape." Hon. G. B. Brackett, U. S. Pomologist, says King Philip is of highest quality for dessert, and will be a great market variety; that it is perfectly hardy in Massachusetts and that he has great faith in it.

Benjamin P. Ware, of Massachusetts, a prominent man in agriculture and horticulture, and member of the state board, when tasting King Philip asked: "Did that grape grow out of doors?" and when told that it did exclaimed "That is wonderful;" that is the way everyone is impressed who eats it.—N. B. White, Originator.

Have seen King Philip on the vine at Norwood for three or four seasons. In my opinion it is distinctly different and an improvement on any grape I know for size and flavor; being more like the Black Hamburg than any other hardy variety. Mr. White has produced several good varieties, but this is by far the best.—Hon. Geo. W. Field, Boston, Mass.

**Green Mountain**, greenish white, very sweet and rich, healthy vine; bunch small, compact. NCS

2-Year

Each	100	1000
70¢	\$50.00	\$

**King**.—More vigorous and prolific than Concord time of ripening, length of season the same; clusters  $\frac{1}{4}$  larger, pulp more tender, flavor the same but more sprightly, seeds fewer in number, wood hardier and of shorter joints. Your committee commends this grape to the society and to grape growers generally as a valuable acquisition—a worthy offspring of its parent, the Concord.—Report adopted by Michigan State Horticultural Society.

15 | 10.00

1.25 | 100.00

25 | 20.00

2.00 | 175.00

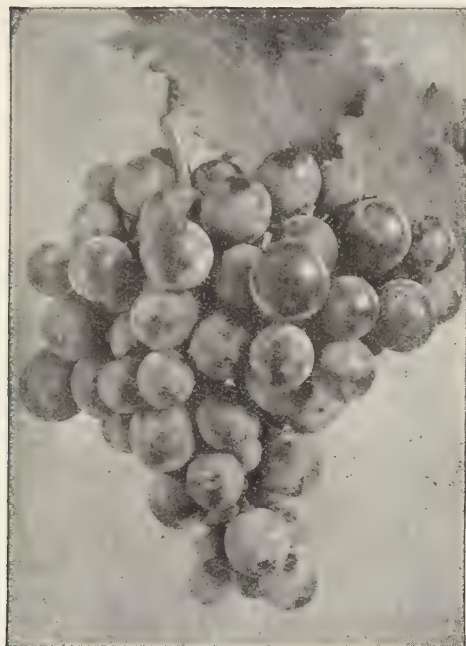
15 | 10.00

25 | 20.00



Stark King Philip





Wilder



Banner

While a comparatively new grape, is being planted largely; one of the finest and best red grapes, handsome as could be asked, a splendid vine, healthy, strong growing; we confidently recommend it to vineyardists.



Barry

## GRAPE, Continued

1-Year				2-Year			
Each	100	1000		Each	100	1000	
20¢	\$15.00	\$126	<b>Campbell Early</b> , black with purple bloom, of the Concord type but much earlier, better quality; fine shipper. NCS Making a fine record here. Of the Concord type but ripens 10 days earlier. Strong, vigorous, productive; hangs to stem long after ripe, is desirable for shipping.—Mich. Experiment Station.	25¢	\$20.00	\$140	
			As productive as Concord, ripens 2 weeks earlier; berries very large, skin a little tough, showing good shipping qualities.—Ill. Exp. Sta.				
			Later, '04: Did better past season than ever before; ripened with Moore Early, which it surpassed in size and freedom from cracking.—Ill. Experiment Station.				
15	10.00		<b>Little Wonder</b> , hardy vine; fruit almost as fine as Sweetwater (Thompson's Seedless) which it resembles in light yellow color, pure flavor, and in bunch and berry. NCS	20	15.00		
15	10.00	80	<b>Moore Early</b> , black, quality similar to Concord, but larger, vine healthy and hardy; valuable. NCS	20	15.00	120	
15	10.00	80	<b>LUTIE</b> , rich red, a good grape everywhere, a favorite in the New York grape belt, and succeeds better south than nearly any other; seldom rots. NCS	20	15.00	120	
			Has proven the most profitable early red; hardy, never misses a full crop. Size of Concord, compact bunches, very sweet, free from rot.—Illinois Experiment Station.				
15	10.00	80	<b>Brighton</b> , red, should be planted with other sorts, Diamond, Sunrise, etc., for pollination, sweet and delicious; thrifty vines. NCS.	20	71.00	130	
10	6.00	50	<b>Wyoming Red</b> , sweet and agreeable; strong grower; perfectly hardy, healthy and productive. NCS	15	8.50	65	
15	10.00	80	<b>DIAMOND</b> (Moore Diamond), greenish white tinged yellow when fully ripe, tender, sweet, satisfactory both in berry and in vine. NCS	20	15.00	120	
15	12.00	100	<b>Delaware</b> , light red, delicious; hardy in vine but deficient in vigor. Banner has the flavor and beauty of Delaware, is larger, of rugged growth and perfect foliage. CS	20	15.00	120	
15	10.00	80	<b>Woodruff Red</b> , handsome and productive, large berries, vine hardy, good bearer; fair quality. NCS	20	15.00	120	
15	10.00	80	<b>WORDEN</b> , black, bunch large, compact, vigorous, even harder than Concord. NCS	20	15.00	120	
15	10.00	80	<b>HICKS</b> , black, strong grower, similar to Concord, many claim it a better grower, better bearer. NCS	20	15.00	120	

**ECLIPSE**.—I consider this far ahead of all early grapes, bunches and berries much like Concord, but of much better flavor; it is earlier than the earliest, as good as the best, healthy and seems to have no draw-backs. It certainly will be a bonanza for both home and market.—Ill. Exp. Sta., E. J. AYRES, Supt. **Later Report**.—Eclipse still holds its own as the earliest grape, no grape comparing with it in earliness and healthy foliage, size of bunch and berry. Better than Concord, destined to hold a large place for home and market.

**Eclipse**.—The first grape to ripen and is of excellent quality as soon as colored. No variety could be more vigorous or hardy. Skin, though very thin, is remarkably tough, which not only makes it a good money sort, but enables it to hang on the vines for weeks in perfect condition; it never cracks, no matter what the weather is.—REPORT STATION No. 8, Illinois Experiment Station, E. H. RIEHL, Supt.

**BANNER**.—A most beautiful red grape almost as large as Concord; unsurpassed in quality, even by Delaware. Excellent shipper, fine market grape in every respect and superior for white wine.—PROF. JOS. BACHMAN, originator.

Banner is a beautiful red grape, as handsome as is possible for a red grape to be and as good as the best in quality.—E. H. RIEHL, Madison County, Ill.

Am delighted with Banner; size, flavor, beauty, compactness of bunch all that can be desired, while its color adds to its attractiveness and its season adds another big star to its crown.—E. J. AYRES, Pulaski County, Ills.

Banner is as handsome as possible for a grape to become; quality very fine.—F. O. HARRINGTON, Iowa County, Ia.

Banner is remarkably handsome, similar in color to Delaware, but far more showy in bunch and berry and the sweetest grape without foxiness I ever tasted of all the American varieties.—PROF. W. F. MASSEY, Horticulturist N. C. Experiment Station.

**STARK-STAR Grape**.—Bunches very large; most vigorous grower, productive and valuable late grape in existence to my knowledge.—Lewis Zellner, before Mo. Horticultural Society.





Moore Early

## GRAPE, Continued.

1-Year				2-Year		
Each	100	1000		Each	100	1000
25¢	\$20.00	\$	<b>KING</b> (Giant Concord), black, much larger than Concord, and of better quality, not subject to rot, valuable. NCS Better in vine and fruit than Concord, bunches larger, and fruit better keeper and shipper.—Prof. L. R. Taft, Horticulturist Michigan Agricultural College. Very valuable for market and home use, very large berry, compact bunches; ripens same time as Concord, about same quality.—Report Illinois Experiment Station.	40¢	\$30.00	\$250
20	15.00	120	<b>Barry</b> , black, very large and attractive; healthy hardy, sweet and good. A splendid keeper. NCS	30	25.00	
25	20.00		<b>Herbert</b> , a superior black; fruit keeps remarkably well, long after Concord is gone; splendid quality. NCS	35	30.00	
10	4.00	30	<b>Concord</b> , black, the old standby, healthy, hardy, vigorous, productive; succeeds in localities where others fail, ships well, sells well, good quality. NCS	12	5.00	40
10	4.00	35	<b>Lindley</b> , light red, a good keeper, and good shipper, sweet, good quality, a poor self-pollenizer; should be grown with Worden or Concord. NCS	15	6.50	55
10	4.00	30	<b>Ives</b> (Ives Seedling), black, vigorous, regular bearer, free from rot, good shipper; vine hardy and rugged. NCS	15	8.50	65
10	6.00	50	<b>Niagara</b> , white, valuable; bunch large and handsome; flavor sweet and good; succeeds almost everywhere; hardy. NCS	15	8.50	65
25	20.00	180	<b>Wilder</b> , black, sweet, good quality, large bunch. CS	30	25.00	200
40	35.00	300	<b>BANNER</b> (Trade-Mark), large, brilliant red, originated by Prof. Joseph Bachman of Arkansas; quality the very best, equal to Delaware; large bunch, unsurpassed as a table and shipping grape; vine ideal. (Foliage resistant to insect attack and fungus.—Prof. Bachman.) NCS A beautiful red grape, as handsome as possible for a red grape to be, and as good as the best in quality.—E. H. Riehl, Illinois Experiment Station. Have thought Delaware the best eating grape, but since tasting Banner, will have to revise that opinion.—Eugene Secor, Ex-Pres. Iowa Horticultural Society.	50	45.00	400
20	15.00	120	<b>Isabella</b> , black; vigorous and productive, an old variety of good quality. CS	30	25.00	
15	10.00	65	<b>Agawam</b> , red, good flavor, strong grower, fairly hardy. CS	20	15.00	120
10	4.00	35	<b>Salem</b> , red, agreeable flavor, tender but not dependable. CS	15	6.50	55
10	4.00	35	<b>Vergennes</b> , red flesh, firm, sweet and pleasant; fair quality, vine hardy, healthy and productive. NCS	15	6.50	55
15	10.00	90	<b>Bacchus</b> , small black, extremely hardy, vigorous, a fine wine grape. NCS	20	15.00	120

**Delicious on Display.**—At the National Horticultural Congress held at Council Bluffs, Iowa, December 13th to the 18th, where great tables of apples from all over the country were on display, growers from many states in attendance, and thousands of people present every day, Delicious was the one theme of conversation. Ten times more good words were spoken for it than for all other varieties. People crowded around the display and many bushels of Delicious were cut and passed around, and the verdict of the thousands who tasted it was the same old story, "The best I ever tasted," "No other apple compares with it," "It certainly is delicious," "I must have some trees," "I didn't know there was an apple grown that had such flavor," etc. Delicious was talked all over the city, could be heard in every part of the building, on the streets, in the street cars, in hotel corridors, wherever men congregated one would hear, "Did you taste that Delicious apple?" It is the same everywhere; we have witnessed the same scene at many other places and when we urge growers to plant Delicious we know when they come into bearing these growers will thank us for our insistence. Once more we say **PLANT DELICIOUS**; plant varieties with high quality; people are being educated to it and they will never be satisfied with Ben Davis, Mo. Pippin, Baldwin, etc.; they want better fruit and are willing to pay for it. Delicious sold all season on Chicago and eastern markets at \$4.00 per standard box. Can growers afford to overlook it when making out their planting list?



King





BRIGHTON, a delicious early red grape

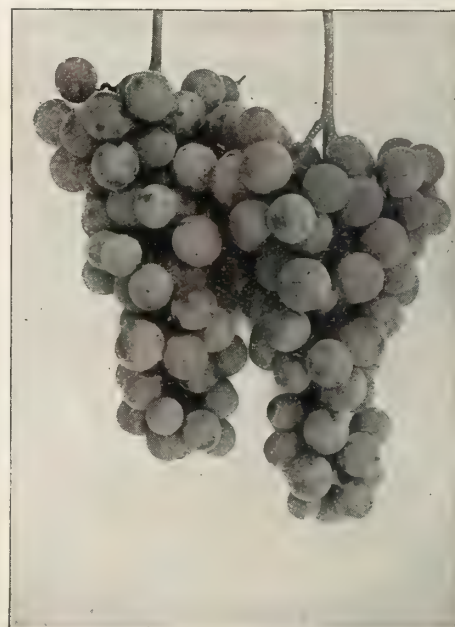
## GRAPE, Continued

1-Year				2-Year		
Each	100	1000		Each	100	1000
10	4.00	35	<b>Clinton</b> , black, popular wine grape, bunch and berry small; hardy, healthy, heavy bearer. NCS	15	6.50	55
20	15.00	120	<b>Norton</b> (Norton Va.), black, quite juicy, makes a superior wine; successful throughout the south. CS	25	20.00	180
20	15.00	120	<b>Cynthiana</b> , greatly resembles Norton Va.; preferred by many; rich, highly flavored, makes valuable medicinal wine. CS Norton and Cynthiana should go into every collection; splendid keepers, valuable for medicinal wine for home use.	25	20.00	180
10	4.00	35	<b>Catawba</b> , red, an old favorite, but requires an exceptionally favored situation and a warm season; not dependable. CS	15	6.50	55
25	20.00		<b>Goethe</b> , yellowish green, tinged with red, large berry, medium bunch, tender, sweet, and delicious. CS	30	25.00	
30	20.00		<b>STARK-STAR</b> (Trade-Mark), black when fully ripe, most vigorous and productive, enormous bunch, often measuring a foot long; handsomest of grapes; as a wine grape is unsurpassed; should be planted south only; north the season is too short for its maturity. S	40	30.00	
Has never shown black rot or mildew; will do well wherever Norton or Catawba succeed. Being a late grape of such good qualities, it fills a gap no other grape can.—Prof. Joseph Bachman, Originator.						
Certainly a step forward in grapes; thousands of people will be benefited by its introduction.—F. T. Ramsey, Travis Co., Tex.						
Stark-Star is the finest grape ever grown in this country; I never saw such bunches, and so perfect. Some of the bunches were over a foot long.—Dr. E. L. Morris, Fayette Co., Tenn.						
<b>FOREIGN GRAPES.</b> These tender varieties can be grown further north by putting up boards on either side of the row of grapes, then laying the vines down in the fall and covering over with a foot or 18 inches of straw.						
25	20.00	160	<b>White Muscat</b> , fine, large, white musk flavor; bunches long, shouldered; not hardy, succeeds only in favored localities.	30	25.00	200
25	20.00	160	<b>Thompson Seedless</b> , greenish yellow, considered the best seedless raisin grape; vine an enormous bearer and very rapid grower. Not hardy, succeeds only in favored localities.	30	25.00	200
25	20.00	160	<b>Flame Tokay</b> , light red, flesh firm and sweet, very large bunch; as a table grape is more extensively planted than any other variety; not hardy, succeeds only in favored localities.	30	25.00	200
25	20.00	160	<b>Black Cornichon</b> , large, long, light blue, pleasant flavor, desirable variety for shipping and market; not hardy, succeeds only in favored localities.	30	25.00	200
25	20.00	160	<b>Mission</b> , black, very sweet and delicious, an old well-known variety; not hardy, succeeds only in favored localities.	30	25.00	200

**Competitors.**—We challenge competition; the basis for comparison to be on quality, which is the paramount consideration. Our ambition is not to produce the cheapest trees, but the best which in the long run are the cheapest. Orchard trees are an investment, and the first cost is infinitesimal compared to future value. We grow business trees, and produce them in our extensive nurseries by the millions, and are content with a very reasonable profit. Our business is distinctly along original lines, we are not in competition with tree dealers, paper nurseries and jobbers who make a business of picking up the refuse stock of the country and marketing it as first-class. But we invite your attention to our facilities for producing and handling stock in our enormous propagating departments—skilled workmen, strictly modern packing houses, up-to-date offices, ample capital, reputation, character and talent for producing the best stock. Stark trees are no experiment; our varieties, our trees, are proven, adaptable everywhere. As to prices, we have before us several catalogues where prices are from 100% to 200% higher than Stark trees. As stated above we want only a small margin of profit; the prices quoted in this List are below the market. As good stock cannot be produced and delivered to your home at lower prices.

**SUNRISE Grape.**—Quality high with clusters and berries large. Being so early, it must be a great local market and table grape.—T. V. MUNSON, Grayson Co., Texas.

Frost killed all my grapes except **Stark-Star**, they were loaded; never saw anything like them. There were plenty of bunches 10 and 11 inches long and we found one bunch over 13 inches long. Never saw anything in the grape line in this country like them.—Dr. E. D. MORRIS, Fayette Co., Tenn.



Green Mountain



# 1-Year

# CURRENT

# 2-Year

Each 100 1000

Easily grown; fruits everywhere. Damaged by direct rays of the sun, so should be planted in shady, moist place.



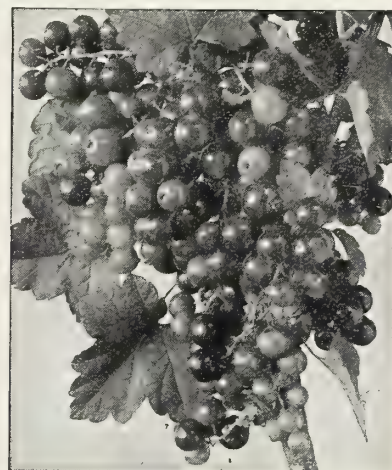
1-YR. AND 2-YR. CURRANT AS WE GROW THEM

10	\$ 6.00	\$ 50	<b>Pomona</b> , red, fine quality, few seeds, has an excellent record as a heavy bearer; one of the best reds.	15	\$ 8.50	\$ 70
10	6.00	50	<b>LONDON MARKET</b> , brilliant red, good quality, strong, rugged grower, less injured by leaf diseases, twig borer, etc., than any other.	15	8.50	65
15	9.00		<b>White Imperial</b> , the best white; entirely satisfactory in growth and foliage; hardy and productive.	20	12.00	
10	6.00		<b>WHITE GRAPE</b> , large, excellent quality, moderately vigorous.	15	8.50	
15	9.00	70	<b>Red Cross</b> , deep red, sweet, high quality, strong grower, productive; one of the greatest productions of Jacob Moore.	20	12.00	100
20	15.00	120	<b>PERFECTION</b> , bright red, rich, mild, few seeds, a great bearer, one of the best.	25	20.00	180
40	30.00		<b>DIPLOMA</b> , red, very large; was awarded a gold medal at the World's Columbian Exposition as the largest and best currant; valuable for both home and market.	50	40.00	
15	9.00		<b>Fay Prolific</b> , handsome red, productive when properly grown; does not succeed so universally as some other sorts.	20	12.00	
20	15.00		<b>Chautauqua</b> , large, deep crimson, few seeds, fine flavor, immensely productive and hangs well.	25	20.00	
15	9.00	70	<b>Wilder</b> , large brilliant red, fine quality, vigorous, upright, slightly spreading, berries large; valuable.	20	12.00	100
15	9.00		<b>Lee's Black</b> , an improvement on Black Naples, earlier and better.	20	12.00	
10	6.00	50	<b>Victoria</b> , bright red, excellent quality but rather small, strong grower, very productive, a good variety.	15	8.50	65

**DIPLOMA Currant.**—This is a late red currant, the largest of any variety yet put out in this country. It was so named for the reason that it received a diploma as the largest and best currant at the Chicago World's Fair and it was awarded a gold medal. Vigorous, very productive, beautiful.—Denver Field and Farm.

**DIPLOMA** is a late red currant, the largest variety I have ever seen. It is a vigorous grower and very productive; bright red and very attractive. It makes excellent jelly and will make a profitable commercial variety and will be desirable for home garden.—Jacob Moore, originator.

**PERFECTION Currant** simply marvelous. It is an upright, strong grower, thickly covered with clusters of fruit that reminds one of bunches of grapes, so large and perfect are they.—E. H. RIEHL, Ill. Exp. Sta.



Diplomat Currant

**ECLIPSE Grape** is the best early grape that has been produced in this country so far as I have been able to learn from 53 years experience and testing more than 150 varieties; good grower, fruits abundantly, even on young vines; the quality is A-1 and it hangs on the vines as well as any grape I have ever tested and ships as well as Ives or Catawba.—Geo. W. Endicott, Pulaski Co., Illinois.

**PEARL Gooseberry.**—Selected from among a number as the best in quality, productiveness, freedom from mildew. After 7 years' trial have never found any trace of mildew. Have sent it into several States and Provinces and have never heard a report of its mildewing. Equal in hardiness, superior in size and quality, more productive than Downing.—A. L. Wood, Monroe Co., New York.

## Delicious Brings 50% More Than Grimes or Jonathan.

Last year we secured a carload of Delicious and sold them to dealers in a small way in a good many of the eastern cities as well as Chicago at about 40% more in price than other varieties we were handling at the time. Whoever had them last year, are asking for them now. We are selling them this year at 50% more than Jonathan, Rome Beauty, etc. We found them to be just what particular people want in a fine table apple, being neither too sweet nor too sour, and a fine looker; also good keeping qualities. Delicious should head the list of fine apples.—H. Woods Co., Commission Merchants, Chicago.—By C. W. Wilmeroth, Treasurer.

**Thousands of Acres of Poor Varieties.**—Delicious apple is a surprise to me; "the proof of the pudding is in the eating." There are thousands of acres of poor varieties set out in this valley, and they will find it out a few years hence.—A. R. Teeple, Chaves Co., N. M.

## FOREST TREE SEEDLINGS.

500 of one sort and one grade at 1000 rate; we do not accept orders for less than 100.

<b>Black Locust</b> , rapid grower, valuable for posts and timber as well as quite ornamental; flowers in June.	12 to 18 in	100	1000	\$1.00	\$9.00
<b>Black Locust</b> ,	18 to 24 in			1.25	10.00
" "	2 to 3 ft			1.75	15.00
" "	3 to 4 ft			2.25	20.00

Write Dep't of Agriculture, Washington, D. C., for Bulletin on Forestry and Timber Culture.

<b>Catalpa Speciosa</b> , showy white flowers; widely planted for posts, ties, etc.; very quick growth.	12 to 18 in	1.25	10.00
<b>Catalpa Speciosa</b> ,	18 to 24 in	1.50	12.50
" "	2 to 3 ft	2.00	16.00
" "	3 to 4 ft	3.00	25.00

Write Dep't of Agriculture, Washington, D. C., for Bulletin on Catalpa Growing and Bulletin on Forestry. Grow your own firewood, etc.

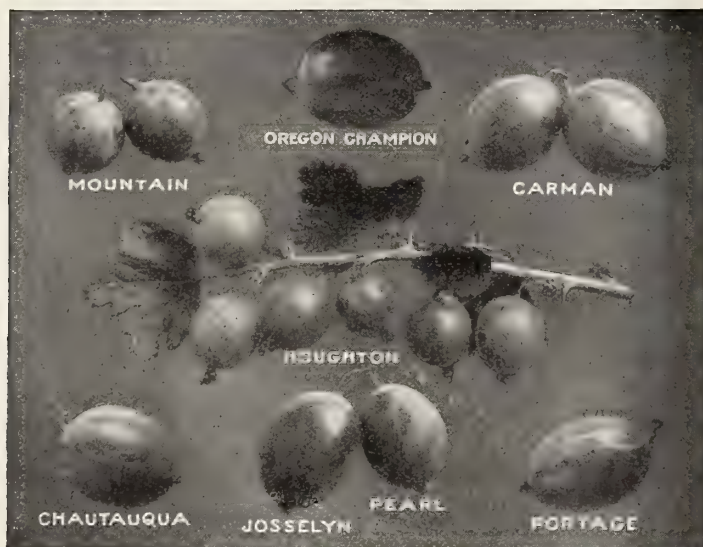


## 1-Year

## GOOSEBERRY

## 2-Year

Each	100	1000		Each	100	1000
10¢	\$ 7.00	\$ 60	Rugged and easily grown and should have a place in every garden. Should have rich, well drained soil.	15¢	\$ 9.00	\$ 85
25	20.00		<b>Houghton</b> , small, dark red, best payer of all; excellent quality, skin tender. NNCS	35	25.00	
20	15.00	120	<b>Chautauqua</b> , yellowish white, sweet, rich; vigorous, more dependable than Industry and other English sorts. NNCS	25	20.00	170
15	9.00	70	<b>Pearl</b> , light yellowish green; a little larger and more prolific than Downing. Good in all respects. NCS	20	12.00	100
15	9.00	70	<b>Smith</b> , pale yellowish green; seedling of Houghton; large, stronger grower than its parent, excellent quality. NNCS	20	12.00	100
30	25.00	200	<b>Downing</b> , large, almost twice the size of Houghton; light green, good flavor; vigorous, prolific. NNCS	40	35.00	300
30	25.00	200	<b>CARMAN</b> , large, golden yellow; very productive, healthy, hardy and remarkably free from mildew. NCS	40	35.00	300
			Berries fully ripe, yet free from rot, scald and mildew. Have had this since 1891 and it has never shown a weakness of any kind.—E. S. Carman, late editor Rural New Yorker.			
30	25.00	200	<b>PORTAGE</b> , large, good quality, free from mildew; good grower, productive, valuable. NCS	40	35.00	300
			Strong, vigorous grower, with not a sign of mildew. A long time since I was, at first fruiting, so favorably impressed with a new fruit as I am with Portage.—E. H. Riehl, Illinois Experiment Station.			
15	9.00	75	<b>Mountain</b> , resembles Houghton, slightly larger; bush strong grower, healthy; one of the best. NCS	20	13.00	110
15	9.00	75	<b>JOSELYN</b> , (Red Jacket), pale red; juicy, highly flavored, almost free from mildew; strong grower. NCS	20	13.00	110
20	15.00	120	<b>Oregon Champion</b> , large, good; easily harvested. NCS	25	20.00	170



One-Half Actual Size

**RATHBUN Blackberry.**—The largest fruit ever seen in this section was from this variety the past season. Fairly productive and entirely free from rust. Fruit is remarkably firm with a dewberry flavor.—Report Illinois Experiment Station.

**BLOWERS Blackberry** is an upright, vigorous grower, very hardy and enormously productive. It commences to ripen about the middle of July, and lasts about two months. The fruit is very large and of good quality. A full crop was produced this year, and sold at \$4.00 a bushel.—Report American Pomological Society.

**CARMAN Gooseberry.** Likely to revolutionize gooseberry culture, absolutely mildew proof; of great size and excellent quality. Will supply the long-felt demand for a larger berry free from rot and mildew.—RURAL NEW-YORKER.

**PORTAGE Gooseberry.**—Strong, vigorous grower with not a sign of mildew. Small 1-yr. branches loaded with largest berries I ever saw. A long time since I was, at first fruiting, so favorably impressed with a new fruit as I am with Portage.—E. H. RIEHL, in Colman's R. World.

**CHAUTAUQUA Currant.**—Vigorous and productive; berries very large and of good quality. One of the most profitable on trial.—Michigan Experiment Station.

**RED CROSS Currant.**—Large and productive; masses of fruit were so dense as to almost hide the bearing canes.—New York Exp. Station.

**ILLINOIS Blackberry.**—After ten years cultivation proves better than any, matures its crop in a short time so as to be sold at highest prices, is out of the way when others get plentiful. Quality superior to any other I have had.—E. A. Riehl.

**Illinois** will excite any grower on account of superior quality, extreme earliness; 100 times more valuable than Early Harvest.—J. F. Grass, Ind.

**Illinois** better than all other sorts put together.—Ill. Exp. Station.

**KENOYER Blackberry** proves on my farm all claimed for it. Among thirty varieties, for profit Kenoyer leads them all; earlier than Early Harvest; one-fourth larger. Planted some where exposed to rust, but as yet none on Kenoyer.—Jacob Faith, Vernon Co., Mo.



1-YR. AND 2-YR. GOOSEBERRY.

## DEWBERRY

	Each	100	1000
<b>Austin</b> , very early, good quality; not hardy north, but one of the best for south and southwest. CS	10¢	\$4.00	\$18
<b>Premo</b> , one of the hardiest; jet black, firm and good. Should be planted with Lucretia, as bloom is imperfect. NC	10	4.00	18
<b>Lucretia</b> , large, jet black, highly flavored; hardy, the best, most dependable dewberry; a profitable market sort. NCS	10	4.00	18

## ASPARAGUS, ETC.

10 of one sort at 100 rate, 300 of one sort at 1000 rate.

**ASPARAGUS, Conover Colossal**, productive, 2-yr.

" **Mammoth White and Palmetto**, 2-yr.

**RHUBARB, Myatt Linnaeus, BEST**; strong roots.  
**HORSERADISH**

	Each	100	1000
.....	¢	\$1.25	\$ 8
.....		1.50	10
10	5.00	35	
10	5.00	35	

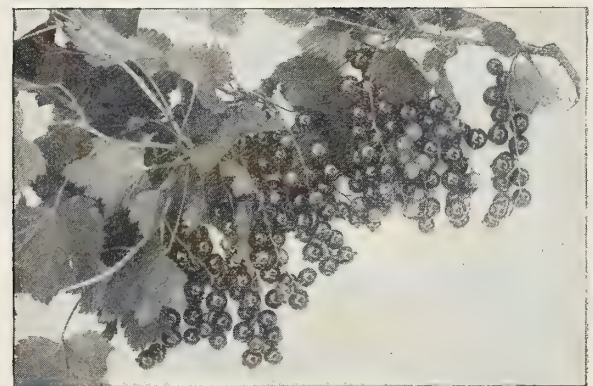


## BLACKBERRY

		10	100	1000
No "each" price quoted—not less than 10 furnished; much cheaper in lots of 25				
<b>KENOYER</b> , glossy black; easily picked, never sunburns, does not turn red after picking. NCS	1.25	\$7.00	\$30	
<b>Early Harvest</b> , inferior to Kenoyer in quality; deficient in vigor, frequently injured by cold. CS	.40	2.50	12	
<b>Early King</b> , good size and quality; moderately vigorous, hardy; superior to Early Harvest. NCS	.75	4.00	20	
<b>Wilson</b> , large, beautiful berry, sweet, good quality; holds its color well, handles well, sells well. NCS	.75	3.00	20	
<b>Western Triumph</b> , larger than Snyder, as hardy; splendid flavor; commences to ripen quite early and continues until late.	1.25	7 00	30	
<b>RATHBUN</b> , jet black, very large; good quality, not as hardy as Snyder or Eldorado, but valuable for central and southern territory. CS	1.25	7.00	30	
<b>ILLINOIS</b> (Trade-Mark), one of the largest and most productive of all blackberries. Originated by E. A. Riehl, Illinois Experiment Station. Very hardy, high quality, profitable. NCS	1.50	8.00	50	
Is an early berry, best thus far tested.—Report Illinois Exp. Station.				
<b>Robinson</b> , very large, best in quality; hardy, vigorous, productive, remarkably free from rust. NCS	1.25	7.00	30	
<b>Kittatinny</b> , fruit large, rich and glossy; hardy, productive. NCS	1.25	7.00	40	
<b>La Grange</b> , about the same shape as Snyder, only a trifle longer; hardy and productive; very finest quality. NCS	1.25	7.00	40	
I never saw anything in the Blackberry line equal to it, and it produces at the rate of about 5000 quarts to the acre. One hundred berries filled a quart box. It is better than anything I have seen.—J. R. Reasoner, before Ill., Horticultural Society.				
<b>Snyder</b> , medium size, sweet, juicy; very hardy, productive, ships well. Hardest and most dependable. NCS	1.00	6.00	20	
In blackberry the only variety we can grow with profit, and we have experimented with nearly all, is the Snyder. We grow them in rows about 8 feet apart and 2 1-2 to 3 feet apart in the row.—Z. T. Turner, before Illinois Hort. society.				
<b>Ancient Briton</b> , medium size; splendid quality; hardy and productive, upright grower. NCS	1.50	10.00		
An exceedingly hardy sort, and one of the best berries I have ever seen under cultivation.—E. P. Powell, Author "Orchard and Fruit Garden."				
<b>Taylor</b> , excellent in quality, very large berry, vine hardy and healthy. NCS	.75	4.00	25	
<b>ELDORADO</b> , jet black when ripe, does not turn red on exposure to sun; hardy, strong grower, good shipper. NCS	1.25	7.00	30	
<b>Erie</b> , berries round, large, of excellent quality; foliage healthy, hardy, free from rust.	1.25	7.00	30	
Erie is entitled to stand among the chosen few; in size, among the largest; in shape, one of the few round berries. In vigor, productiveness and freedom from rust, all combined, I place it above any variety ever tried here.—L. R. Johnson, Cape Girardeau Co., Mo.				
<b>MERSEREAU</b> , large, jet black; quality strictly first-class, very hardy, upright grower and ideal shipper. NCS	1.25	6.00	20	
<b>BLOWERS</b> , the hardest of all blackberries; very large, jet black; handsome, productive. NCS	1.25	7.00	30	
<b>WARD</b> , originated in New Jersey; fine fruit, very strong grower, very best quality. CS	1.25	7.00	30	
<b>LOGANBERRY</b> , cross between blackberry and red raspberry; west only.	2.00	15.00	100	



Ward Blackberry



Perfection Currant

**Always Commands Top Prices.**—In our mountain valleys we have found the Rome Beauty to be one of the most profitable apples, being of good size, well colored, of good quality and a fine keeper in storage; always commanding top prices. We planted the first Rome Beauty trees in Colorado 23 years ago and are now getting \$3.00 to \$3.50 per bushel box on the Denver market. You can tell the people of Colorado that they cannot go wrong in planting them extensively instead of Ben Davis and Mo. Pippin.—W. S. Coburn, Delta Co., Colo.

Trees have arrived and they are fine; all I could wish.—Capt J. H. Shawhan, Canyon Co., Idaho.

**Delicious** is commended very warmly by those who have it in bearing for its noble appearance and almost unequaled excellence.—Hon. Parker Earle, Chaves Co., N. M.

The prices of nurseries on the coast are 100% higher than last year. I have a good show for orders of 5,000, 10,000 and 20,000 Stark Trees.—Chas. M. Stackland, Union Co., Oregon.

Oregon a wondrous orchard region of untold possibilities, and none of her wonders more interesting than the cherry orchards of the Stacklings in Grande-Ronde Valley—Bing, Lambert, Royal Ann—Stark trees, the wonderful crop as seen during August by Mr. Irvine, editor of the Fruit Grower, and our Mr. W. P. Stark, was ample compensation for the trip.—Stark Bros.



## RASPBERRY

No "each" price quoted—not less than 10 furnished; much cheaper in lots of 25

**THOMPSON RED**, the best real early red, hardy. NCS 75¢ \$4.00 18

**KING**, good early red, a beautiful berry; strong grower, productive, hardy; good market sort. NCS 75 | 4.00 20

**MILLER** (Miller Red), very productive, brings high prices; firm and fairly good shipper, hardy. NCS 75 | 3.00 15

**Thwack**, a fine market sort; red, hardy, vigorous; immensely productive, succeeds where others fail. NCS 75 4.00 18

**Golden Queen**, clear amber yellow, highest quality. CS 1.00 4.00 20

**Loudon**, dark crimson; hardiest of all the red sorts. Does not succeed south as well as King. NC 75 | 4.00 18

**Cuthbert**, red, well known; high quality, productive. CS 75 | 3.00 15

**CARDINAL**, a reddish purple; a hybrid of the red and black. Vigorous, hardy. NCS 1.25 6.00 25

**HAYMAKER**, purple, not so hardy as Cardinal; excellent quality, thrifty, quite free from disease. CS 1.25 6.00

**Kansas**, black, very hardy, thrifty and prolific; large. NCS 75 | 4.00 18

**Cumberland**, the best of all the blackcaps; perfectly hardy, very productive, remarkably free from insect attack. NCS 1.25 6.00 25

10	100	1000
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## HEDGE PLANTS

10 of one sort and size at 100 rate, 300 at 1000 rate.

**Japan Quince**, blossoms very early in spring, flowers bright scarlet crimson, followed by small quince shaped fruit; dwarf in growth, but very dense. 18-24 in 25¢ \$ 18 \$145

**Osage Orange**, extensively used for farm and garden hedges. 2-3 ft 30 | 20 180

**Privet, Amoor River**, hardy and makes a fine hedge; foliage retains its color well into the winter, slim and graceful growth. 18-24 in 12 | 8 50

**Privet, California**, the most popular of all ornamental hedges; used not only for hedges, but for grouping on lawn it is magnificent, as it can be sheared to any desired shape; its rich, dark green foliage is carried far into the winter; hardy, easily grown. 18-24 in 12 | 8 50

To secure a dense effect and perfect hedge plant two or three rows together and keep sheared back; very handsome.

"Replace your old rickety wooden fence with a Calif. Privet Hedge."

**Best Hedge Plant**.—California Privet is now recognized as the best shrub known for an ornamental hedge, and is being planted by the carload each season in this vicinity, and in many other sections it is equally popular. It thrives under adverse conditions, better than most other plants, and takes kindly to severe pruning.—Edwin H. Riehl in Colman's Rural World.

**Privet, Regelianum** (Ibota), of dense growth, with horizontal spreading branches drooping at the ends; hardy. 2-3 ft 20 | 14 70

**Privet, Dwarf**, compact, slow growth; leaves fern-like, dark green. 30 | 20

**Spirea, Van Houttei**, one of the very finest of ornamental shrubs; its drooping, graceful branches and its wealth of white flowers in late spring, together with its hardiness, make it one of the handsomest and best. 25 | 18 150

**Barberry, Japanese**, very dense in growth; branches drooping; flowers yellow followed by scarlet fruit in profusion, which is retained through a great part of the winter; in autumn the leaves are scarlet and gold; a splendid hedge. 30 | 20 180

Each	100	1000
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Cumberland Raspberry



Norton Grape

The wise planter places his order early, so trees he will need can be reserved. This is our method—when order is received here, stock ordered is set aside and held until time to ship.

**Stark-Star** certainly a step forward in grapes. Thousands of people will be benefited by its introduction.—F. T. RAMSEY, Travis Co., Texas.

**Stark-Star** are wonderfully productive. From two vines 2-yrs. planted, I picked 25 lbs.; the third year I picked 100 lbs. They make the most delicious jelly I ever tasted.—MRS. LORENZO STILLWELL, Union City, Oregon.

Trees and plants came in fine condition. I have never seen such fine roots on young apple trees; you must have good soil.—Prof. Wm. B. Alwood, former State Entomologist of Va.

Have received the consignment of trees; found them all in fine shape and fine trees.—J. F. Kyle, Mgr. Montrose, Colo., Fruit and Pro. Ass'n.



## SHRUBS AND CLIMBERS

10 of one sort at 100 rate, 300 of one sort at 1000 rate.

	Each	100	1000
<b>Adam's Needle</b> ( <i>Yucca filamentosa</i> ), stately lawn plant, massive flower stalk, flowers creamy white, bell shaped.	25¢	\$20	\$180
<b>Aralia Pentaphylla</b> , ( <i>Angelica Tree</i> ), a pretty, medium size, rapid growing shrub; handsome for lawn.	50	40	
<b>Chionanthus Virginica</b> ( <i>Fringe tree</i> ), large, dark green foliage, drooping panicles of white fringe-like flowers.	50	40	
<b>Calycanthus Floridus</b> ( <i>Sweet Scented Shrub</i> ), old, well-known strawberry scented sweet shrub growing 6 to 8 ft. high; flowers double purple.	50	40	
<b>Cercis Canadensis</b> ( <i>Red Bud</i> ), small round-headed tree, large heart-shaped, glossy leaves; rosy pink flowers.	30	20	180
<b>Cydonia Japonica</b> , ( <i>Japan Quince</i> ) bright scarlet crimson flowers in great profusion in early spring; hardy and good.	50	40	
<b>Exochorda Grandiflora</b> ( <i>Pearl Bush</i> ), pure white blossoms in May; one of the finest shrubs of its season.	50	40	
<b>Halesia Tetraptera</b> ( <i>Snowdrop Bush</i> ), large shrub with white bell shaped flowers in May; very desirable lawn shrub.	50	40	
<b>Hibiscus Mehanii</b> ( <i>Rose of Sharon</i> ), one of the choicest Rose of Sharon yet introduced; variegated foliage, large single flowers, satiny lavender color; blooms in August and September when shrubs in blossom are scarce.	50	40	
<b>Hibiscus Totus Alba</b> , single, pure white, splendid shrub; strong grower.	50	40	
<b>Hypericum Moserianum</b> ( <i>Gold Flower</i> ), shrub of dwarf habit; rich green foliage and large handsome yellow flowers.	50	40	
<b>Hydrangea</b> , ( <i>Paniculata grandiflora</i> ), flowers white, changing to purplish pink; perfectly hardy; flowers so profuse as to almost hide the leaves.	40	\$ 30	\$240



HYDRANGEA, PANICULATA GRANDIFLORA

<b>Hydrangea</b> ( <i>Arborescens sterilis</i> ) ( <i>Hills of Snow</i> ) blossoms largest size, snow white, fine foliage, long blooming season.	50	40	300
<b>Rhodotypus Kerroides</b> ( <i>White Kerria</i> ), handsome foliage, with a profusion of single white flowers, followed by showy black berries.	50	40	
<b>Magnolia grandiflora</b> , a magnificent tree of rapid, handsome growth; flowers large white, very fragrant; this is the hardiest of the magnolias, but will not stand far north.	1.25	100	

	Each	100	1000
<b>Lilac</b> , common purple, the old time favorite; blush purple.	25¢	\$18	\$140
<b>LILAC, BUDDER, Belle de Nancy</b> , satiny rose; large.	60	50	360
“ “ <b>Charles X</b> , rich reddish purple.	40	30	240
“ “ <b>Frau Dammann</b> , strong grower; white.	60	50	360
“ “ <b>Giant Tree</b> , grows 20 to 30 ft. high.	60	50	360
“ “ <b>Ludwig Spath</b> , reddish purple; large.	60	50	360
“ “ <b>Madame Abel Chatenay</b> , dbl. white.	60	50	360
“ “ <b>Marie Legraye</b> , pearl white; single.	60	50	360
“ “ <b>Michael Buchner</b> , light sky blue.	40	30	240
“ “ <b>President Grevy</b> , clear blue, 1'g size.	50	40	300
“ “ <b>Senator Volland</b> , rosy red; fragrant.	60	50	360
<b>Philadelphus Coronarius</b> , ( <i>Mock Orange</i> ) beautiful cream white flowers, vigorous grower, perfectly hardy, can be pruned to any desirable height.	30	20	180
<b>Philadelphus Gordonianus</b> , flower pure white, without fragrance, very handsome and satisfactory.	35	25	200
<b>Rosa Rugosa Alba</b> , large single white blossoms; most attractive.	50	40	
<b>Rosa Rugosa</b> ( <i>Japanese Rose</i> ), glorious large single blossoms of light red. Combined with the heavy foliage, followed by its large scarlet fruit, makes it very desirable.	50	40	
<b>Sambucus Aurea</b> ( <i>Golden Elder</i> ), handsome, with golden yellow foliage; flat heads of white flowers followed by handsome berries.	50	40	
<b>Spiraea</b> , ( <i>Anthony Waterer</i> ), flowers deep crimson, blooms all season, easily grown, beautiful as single specimen, in clusters or as a low hedge.	40	30	240
<b>SPIREA, VAN HOUTTEI</b> , snow white flowers, hardy; must be seen in flower for its wonderful beauty to be appreciated.	30	20	180
<b>Spiraea Opulifolia Aurea</b> , golden yellow tinted foliage and double white flowers in June, very showy.	50	40	
<b>Viburnum Sterilis</b> ( <i>Snow Ball</i> ) well known shrub, balls pure white, flowers early spring.	25	18	140
<b>Symphoricarpos Racemosus</b> ( <i>Common Snowberry</i> ), a splendid shrub with small pink flowers, followed by clusters of pure white berries.	50	40	
<b>Tamarix Africana</b> , very graceful, with feathery foliage; pink flowers last of May.	50	40	
<b>Viburnum Lantana</b> ( <i>Wayfaring Tree</i> ), large shrub, heavy leaves, large clusters of white flowers, followed by its red fruit; retains its foliage until late.	50	40	
<b>Weigela Rosea</b> , deep rose color, very desirable for borders, for grouping or single plants.	40	30	240
<b>Lonicera Halleana</b> ( <i>Hall Japan Honeysuckle</i> ), flowers white, changeable to yellow, very fragrant, blooms constantly.	25	18	120
<b>Lonicera Grandiflora Rosea</b> , fine large foliage and handsome pink flowers; an uncommon type.	50	40	
<b>Lonicera Tatarica Alba</b> , a grand honeysuckle, white flowers and berries.	50	40	
<b>Lonicera Tatarica Grandiflora</b> , a beautiful vigorous shrub, pink flowers; very attractive.	50	40	
<b>Pueraria Thunbergiana</b> ( <i>Kudzu Vine</i> ) a hardy vine of very rapid growth; will grow 40 to 60 feet in a season; large leaves, purple, pea shaped flowers. From Japan.	40	30	
<b>American Ivy</b> , ( <i>Ampelopsis quinquefolia</i> ), one of the finest vines for covering walls, verandas, tree trunks, etc., rapid grower, leaves become rich crimson in autumn.	25	18	120
<b>Clematis, Henryi</b> , very large; creamy white.	75	60	300
“ <b>Jackmani</b> , rich violet purple; large.	75	60	300
“ <b>Mad. Andre</b> , large velvety red.	75	60	300
“ <b>Ramona</b> , large sky blue; earliest, best.	75	60	300
“ <b>Japan, paniculata</b> , hardy; flowers small, white.	40	30	240
<b>Wistaria, Sinensis</b> , ( <i>Chinese</i> ), purple pea-shaped flowers, very beautiful, rapid grower, often making from 15 to 20 feet in a season; trained readily into any position.	40	30	240





Snow Queen



Lady Gay



J. P. Clark



Hugh Dixon

## ROSES

Roses do best in a warm, sunny spot, shielded from strong winds, and thrive in most any soil if well drained, 10 of one sort at 100 rate; 300 at 1000 rate.

	2-Year		
	Each	100	1000
<b>BABY RAMBLER</b> , Hybrid Polyantha. Dwarf Crimson Rambler, blooms early June until frost, succeeds in almost any soil, perfectly hardy, rugged.	35¢	\$25	\$ 180
<b>Baltimore Belle</b> , white with pink blush; of the hardy Prairie type; excellent for training to pillar or trellis.	25	18	120
<b>BURBANK</b> , Hybrid Bourbon. As a continuous bloomer scarcely surpassed by any rose. Color soft cherry rose.	40	30	200
<b>Clio</b> , Hybrid Perpetual. Delicate flesh color, shaded light rose; large, double; beautiful both as bud and full bloom.	30	20	160
<b>Crimson Rambler</b> , Polyantha. The most vigorous, hardy climber. In blooming season a mass of rich deep crimson.	30	20	160
<b>DOROTHY PERKINS</b> , Hybrid Wichuriana, beautiful shell pink, in some respects similar to Crimson Rambler, but flowers very double, larger; vigorous and hardy.	30	20	150
<b>EUGENE FURST</b> , Hybrid Perpetual. Velvety crimson with darker shadings; large, full, shapely, very fragrant. The blackest, richest, most glorious of all the dark roses.	40	30	200
<b>General Jacqueminot</b> , Hybrid Perpetual. Deep velvety crimson, one of the hardiest, most vigorous and satisfactory.	30	20	160
<b>GLOIRE DE MARGOTTIN</b> , Hybrid Perpetual. Brilliant scarlet, fine shape and size, fragrant, vigorous, free bloomer.	35	25	180
<b>GRUSS AN TEPLITZ</b> , Hybrid Tea. "The reddest of all red roses;" very vigorous, rugged, profuse in bloom.	35	25	180
<b>Helen Gould</b> , Hybrid Tea. Soft carmine, beautifully shaded, magnificent in bud, easy to grow; one of the hardiest of roses and one of the most satisfactory.	40	30	200
<b>Hermosa</b> , Bourbon, bright rose color, always in bloom, an old favorite, and very fine.	35	25	180
<b>HUGH DIXON</b> , (H. P.) brilliant crimson, shaded scarlet, large, exquisite form, a most beautiful rose.	50	40	275
<b>J. P. CLARK</b> , (H. Tea) deep scarlet, shaded darkest crimson, vigorous in growth, prolific of bloom, handsome foliage.	50	40	275
<b>LADY GAY</b> , Polyantha. Deep rich rose pink; one of the best hardy climbers, healthy, hardy, easy to grow; flowers large and in splendid clusters.	30	20	160
<b>LA FRANCE</b> , Hybrid Tea. Delicate, silvery rose, superb, blooms continually; an old favorite, and one of the sweetest.	25	18	120
<b>Madame Plantier</b> (Cemetery Rose), Hybrid Chinese. One of the best white; large, very hardy, stands without protection.	30	20	160
<b>Marshal P. Wilder</b> , Hybrid Perpetual, brilliant carmine, very fragrant, blooms freely for a long season.	30	20	160

## ROSES, Continued

	Each	100	1000
<b>MRS. JOHN LAING</b> , Hybrid Perpetual. Pink flower, large, well formed; exceptionally handsome, vigorous grower.	35	25	180
<b>Paul Neyron</b> , Hybrid Perpetual. Deep rose color, free bloomer, the largest rose in cultivation; vigorous.	30	20	160
<b>Persian Yellow</b> , Hybrid Perpetual. Deep golden yellow, small semi-double; clusters close along the branches.	35	25	180
<b>Queen of Prairies</b> , Prairie type. Bright rosy red, a strong vigorous climber; one of the hardiest.	25	18	120
<b>Red Moss</b> , the best and handsomest moss rose, perfectly hardy, rugged, vigorous.	30	20	160
<b>SANTA ROSA</b> , Bourbon. Shell pink, inclining toward crimson, very fragrant; a Burbank production.	50	40	275
<b>SNOW QUEEN</b> , Hybrid Perpetual. "The white American Beauty"; the ideal hardy white rose, very large, with large shell shaped petals; has created a sensation wherever grown.	40	30	200
<b>TRIÉR</b> , one of the most beautiful ramblers, flowers semi-double, produce freely and continuously in large clusters, creamy white; the center is filled with yellow anthers so long and so numerous that at a distance the rose appears yellow; a seedling of Yellow Rambler, and surpasses in beauty this old Favorite.	40	30	200
<b>ULRICH BRUNNER</b> , Hybrid Perpetual. Brilliant cherry red, hardy; flowers of fine form and finish.	35	25	180
<b>Yellow Rambler</b> , as hardy as Crimson Rambler, large trusses pale yellow roses, strikingly perfect and beautiful.	35	25	180

With but few exceptions Roses are easy of cultivation and grow in almost any kind of soil except a very loose, sandy one. A warm sunny spot, shielded from strong, bleak winds should be chosen, a piece of woods or hedge offer good protection if far enough away so as not to rob the plants of nourishment. The ground must be well drained; ideal soil for the hybrid perpetuals is a strong, rich clay or loam. Nearly all of the best perpetuals will live through the severe winters of the northern states without protection, but it is best to protect them, either by bending down and covering with earth, with a heavy mulch, or by binding the tops in straw, burlap, etc., to prevent rapid freezing and thawing. Early in the spring remove the protection and prune out any branches that appear dead or severely injured. A heavy mulch of coarse manure (from the cow stable is best) placed around the plants in the fall is of great advantage; in spring rake away the coarse material and lightly spade in the remainder, being careful not to injure the roots.



## NUT TREES

10 of one sort at 100 rate, 300 of one sort at 1000 rate

**Chestnut, American Sweet, 3 to 4 ft.**

" " " " 4 to 6 ft.

**Pecan, Northern Hardy Seedlings, 3-yr.**

" Southern Paper-shell Seedlings, 2-yr.

" Grafted Paper-shell, Stewart, 2-yr. tops.

" " " Bolton, 2-yr. tops.

" " " Moneymaker, 2-yr tops.

The paper-shell pecans are no harder than English Walnuts and should not be planted north of the Cotton Belt. Moneymaker is considered the hardest.

**English Walnut, Select Seedlings**

" **Concord**, a new variety and one of the best; early bearer.

" **Mayette**, very large, shell thin, good tree; one of the hardest.

" **Franchette**, Grown largely in the north-west, vigorous and productive.

**Budded Almonds—Nonpareil**, sturdy grower, shell very thin; kernel sweet.

**Ne Plus Ultra**, large; tree heavy and regular bearer.

**Drake Sdigs**, an abundant bearer, one of the best.

**Walnut, Black**, old well-known.

" " " " 1-yr 5.00 40

" " " " 2-yr 7.00 60

Each 100 1000

\$ .40 \$ 36 \$

.50 45

.50 45

.50 45

1.50 125

1.50 125

1.50 125

## FORTY YEARS IN HORTICULTURE

Extracts from an address delivered by Hon. Silas Wilson of Nampa, Idaho, before the National Horticultural Congress at Council Bluffs, Ia.:

If for a moment you divest this country of ours of horticulture and what it means, who would want to live here? All other sciences have been making great progress and horticulture has certainly been keeping pace with all other sciences. We have heard it said for 50 years or more that the fruit business was going to be overdone. We find today that not only 50% of our American states are wanting fruit and cannot get it, but we find that the countries of Europe are demanding our fruit.

We have also heard it said that the Spitzenburg apple and the Jonathan apple had attained the highest degree of perfection that it was possible for apples to attain. We have already found varieties of apples so excellent in quality that there isn't any room for argument as to their being better than Spitzenburg or better than Jonathan.

We have object lessons upon a table over there that are the greatest of the kind that the American people have even seen. There is the old Spitzenburg apple that ranked for 50 years in quality over any of its competitors. It now has a rival called Delicious, and Mr. President, that apple originated in the state of Iowa. It is today without a question the best apple in the world.

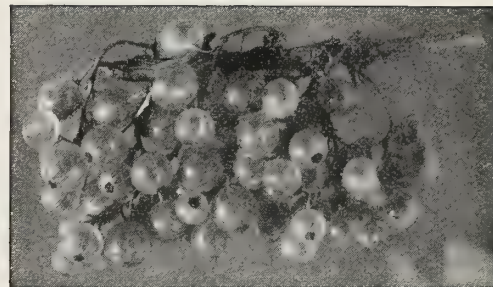
We have another object lesson there on that table. We have an apple known in the United States as Jonathan. When you talk to a man, woman or child from this country about producing a better apple than Jonathan they are all from Missouri—they have to be shown. On that table is an apple that is a seedling of Jonathan. It is much more beautiful to look upon than its parent, and the best authority in this or any other land says it is better in quality and two months better keeper. I simply want to call your attention to the times and the progress we are making along the lines of science in horticulture.



Mr. N. B. White, of Massachusetts, the Burbank of the Bay State, originator of Stark King Philip grape.



Hydrangea, Arborescens



White Imperial Currant



The Stark Method of Packing



# ORNAMENTAL AND SHADE TREES

10 Ornamental Trees of ONE SORT at 100 rate, 300 trees, NOT LESS THAN 10 OF ANY ONE SORT, at 1000 rate. Special prices on large lots or larger sizes, buyer paying freight, packing, etc.—Write for prices.

**Bechtel Double flowered Crab.** (*Pyrus augustifolia*). A tree full of roses; beautiful double, delicate pink and highly fragrant; the most beautiful of flowering crabs. 3 to 4 ft 45¢ \$40 \$ 4 to 6 ft 60 55

**Parkmanni Double-flowered Crab** (*Pyrus Halliana*). Rich rose color, semi-double; handsome in bud and blossom; splendid deep green foliage. 3 to 4 ft 70 65

**Crimson Leaf Plum** (*Prunus pissardi*). A beautiful purple leaved tree with dark wine red fruit, leaves hold their color very late; tree shapely and handsome. 3 to 4 ft 40 36 240 4 to 6 ft 50 45 300 6 to 8 ft 60 55 360

**Rose Tree of China** (*Prunus triloba*). Flowers pink or rose colored, usually double; a desirable, hardy ornamental tree. The first shrub to bloom in the spring. 2 to 3 ft 40 36 240 3 to 4 ft 50 45 300 4 to 6 ft 60 55 360

**European White Birch** (*Betula alba*). A grand tree of rapid growth; silvery white bark; magnificent foliage. 4 to 6 ft 40 36 240 6 to 8 ft 50 45 300 8 to 10 ft 70 65 420

**Cut-leaf Weeping Birch** (*Betula alba*, var., *pendula laciniata*). One of the most beautiful and graceful of trees; finely cut foliage, drooping branches, a beautiful lawn tree; upright grower, not spreading. 3 to 4 ft 50 45 4 to 6 ft 70 65 6 to 8 ft 90 80

**Maple, Norway** (*Acer platanoides*). Among the very handsomest shade trees, not so quick growth as Silver Leaf, but transplants easily; round, spreading head, splendid shade tree. Plant largely everywhere. 4 to 6 ft 50 45 240 6 to 8 ft 70 65 360 8 to 10 ft 1.25 100 800 10 to 12 ft 1.50 130 1000

**Maple, Sugar or Rock Maple** (*Acer saccharinum*). An excellent street and shade tree; upright, dense growth turning bright yellow and scarlet in autumn; succeeds in almost every soil. Norway is considered and improvement—denser foliage. 3 to 4 ft 40¢ \$36 \$ 4 to 6 ft 50 45 6 to 8 ft 70 65



TULIP TREE.

**Maple, Weir Cut-leaf** (*Acer Wierii laciniatum*). A very rapid growing and graceful weeping tree. 4 to 6 ft 50 45 6 to 8 ft 70 65 420

**Maple, Silver Leaf** (*Acer dasycarpum*). Handsome tree, transplants well, of extremely quick growth; widely planted as a street and park tree; succeeds almost everywhere. 4 to 6 ft 25 20 120 6 to 8 ft 40 36 240 8 to 10 ft 60 55 360 10 to 12 ft 90 85 700

**Mulberry, New American.** Fruit very large, glossy black, one of the best in quality; tree productive and hardy, ripens through a long season. 4 to 6 ft 40 36 240 6 to 8 ft 60 55 360

**Mulberry, Travis.** Fruit medium to large, subacid, highly flavored, good quality; tree exceptionally hardy, but not so vigorous as Monarch or Abundance. 4 to 6 ft 50 45 6 to 8 ft 70 65 420

**Mulberry, Monarch.** Berry clear white, large, sweet and rich; tree strong, rapid grower, ripens an immense crop thru a long season; handsome shade and timber tree. 4 to 6 ft 50 45 300 6 to 8 ft 70 65 420

**Mulberry, Abundance.** Fruit long, slender, glossy black, good quality; tree hardy, rapid grower; one of the most prolific of mulberries. 4 to 6 ft 35 32 200 6 to 8 ft 50 45 300

**Mulberry, Downing.** Berries large, quality best; tree strong, upright grower, beautiful foliage; valuable for shade as well as fruit. 4 to 6 ft 40 36 240 6 to 8 ft 60 55 360

**Mulberry, Stark.** Large, black; tree hardy, strong growing, prolific, long ripening season. The best of all mulberries. 4 to 6 ft 1.25 100

I would rather have one good mulberry tree than a bed of strawberries.—Henry Ward Beecher.





# ORNAMENTAL AND SHADE TREES, Continued

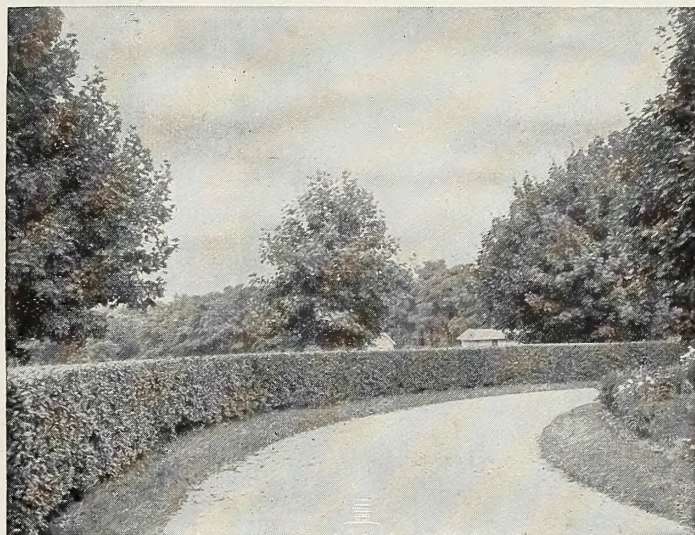
	Each	100	1000
<b>Mulberry, Tea's Weeping.</b> A beautiful and valuable shrub for lawn or garden, with dense head of weeping branches extending to the ground; hardy.	1.25	100	
<b>Maiden Hair Tree</b> or Ginkgo ( <i>Salisburia adiantifolia</i> ). Foliage like the Maiden Hair Fern; thick, glossy; handsome tree for street planting or as an individual specimen.			
3 to 4 ft	60	55	420
4 to 6 ft	80	75	500
<b>Poplar, Carolina</b> ( <i>Populus monilifera</i> ). A fine shaped, spreading tree with large, dark, glossy leaves; of very rapid growth, giving remarkably quick shade.			
4 to 6 ft	30	27	180
6 to 8 ft	50	45	360
8 to 10 ft	75	70	550
10 to 12 ft	90	85	700
<b>Poplar, Norway.</b> Will make the largest tree in the shortest space of time, promises to be to the north what the Eucalyptus is to the south; handsome street and park tree and valuable for timber. Every farm should produce its own fence posts, firewood, etc.			
4 to 6 ft	50	45	360
6 to 8 ft	60	55	420
8 to 10 ft	70	65	500
<b>Sycamore, American, or American Plane.</b> ( <i>Platanus occidentalis</i> ). The most massive of all deciduous North American trees; a good tree for street or park.			
4 to 6 ft	40	36	240
6 to 8 ft	50	45	360



EUROPEAN SYCAMORE

<b>Sycamore, European, or Oriental Plane.</b> ( <i>Platanus orientalis</i> ). A good tree for street planting, a rapid grower; especially recommended for large cities; handsome foliage.			
4 to 6 ft	60	55	420
6 to 8 ft	70	65	500
<b>Tulip Tree</b> ( <i>Liriodendron tulipifera</i> ). A broad spreading, handsome native tree, flowers resemble tulips; attractive, glossy, fiddle-shaped leaves; handsome for driveways and parks.			
4 to 6 ft	50	45	360
6 to 8 ft	70	65	500
<b>Umbrella Catalpa</b> ( <i>Catalpa Bungei</i> ). A dwarf, umbrella shaped shrub growing from 3 to 10 ft. high; large leaf, dense foliage; very handsome for lawn.			
3 to 5 ft	90	80	

<b>Elm, American White</b> ( <i>Ulmus Americana</i> ). Tall, wide spreading tree with drooping branches; a favorite street tree.	Each	100	1000
4 to 6 ft	50	\$450	\$300
6 to 8 ft	60	550	400
8 to 10 ft	80	750	500
10 to 12 ft	1.00	90	700
<b>Elm, Cork Bark</b> ( <i>Ulmus Racemosa</i> ), an upright fast growing elm with corky bark; a splendid tree.			
4 to 6 ft	60	55	420
6 to 8 ft	75	70	550
<b>Willow Weeping</b> ( <i>Salix Babylonica</i> ). The well-known weeping willow.			
4 to 6 ft	50	45	300



CALIFORNIA PRIVET HEDGE

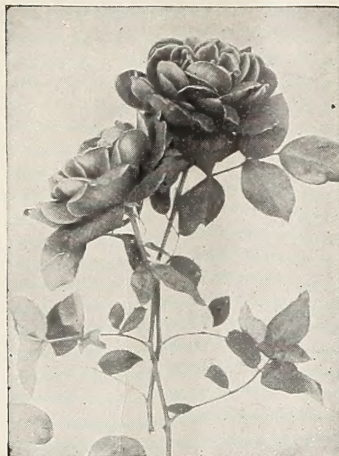
**"Shipping from Western Branch Nurseries.**—We are establishing plants at Twin Falls, Idaho, Wenatchee, Wash., and Hamilton, Mont. Any order shipped from these branch plants will be invoiced at the list price and not subject to any discount; further, buyer will pay the freight. Our preference is to concentrate all shipping possible from our headquarters, where our facilities are unequalled for producing, packing and shipping. In shipping from our packing houses in car load lots—sometimes train load lots, and distributing from central points we make a great saving on freight, which we pay. This insures often quicker train service than can be had from any of our local points west, shipments going to California in less than a week's time. We can and do produce cheaper here, with cheaper labor, cheaper lands, more favorable conditions, than we can in the far west; this is why we are able to undersell western competitors while we produce the best trees possible and our experience is that in our several nurseries here we produce the best trees in the world, but there are some planters who want home grown trees; therefore the branch plants are to accommodate such planters. Western nurserymen, who talk home grown trees most, are oftentimes buying the bulk of their supply from the far south and far east, but immediately upon arrival of these trees in their packing grounds they take on the "home grown" brand. Our cash discount is most liberal, to say nothing of free boxing, free freight, premiums, safe arrival guaranteed, etc.

**One of the Best.**—Rome Beauty is very prolific, large size, good color, good keeper and one of the best in cold storage, as they retain their flavor and juice much better than many kinds. An early bearer, nice growing tree, good quality.—U. T. Cox, The Rome Beauty King, Lawrence Co., O., Feb. 3, 1909.





Eugene Furst



Gruss An Teplitz

**A Scientific Orchardist's Opinion.**—I appreciate your bulletin on Cover Crops for Orchards, and experience shows me what you say is true. I have practiced your methods from the beginning and my land continues to improve. I keep one-half my orchard in red clover for two years and then alternate, cut my clover three to four times leaving it on the ground and it is always loose and nice. The other half I plough after trees become dormant; there is little sod, so I work it with springtooth until June 5th to 15th, drill cow peas both ways, hog them down in fall and winter and repeat the operation the second year when by careful harrowing can fix for clover again. Wish we had more effort made along this line of practical talks—would do good.—Capt. G. T. Lincoln, Benton Co., Ark., Pres. Ozark Fruit Growers' Association, to W. P. Stark, Pres. Mo. State Board of Horticulture.

Jno. Kappus, of New Mexico, who visited us this season, and who intends to plant 6,000 or 7,000 apple trees this coming fall or spring, writes us that after leaving here he visited a number of other nurseries and says of them: "We saw no root system or healthy looking trees like we saw at Stark Bro's. You will surely get our order."



Dorothy Perkins



Hermosa

## MAIL SIZE TREES AND PLANTS

For the benefit of planters not located near railway stations and where trees by mail would be safer, we offer mail size trees and vines at following prices, postpaid:

2-yr. apple, pear, cherry, plum, quince, etc., at prices quoted for XXX size.

1-yr. apple, pear, cherry at prices quoted on 3 to 5 ft. size. Peach and apricot at prices quoted on XXX.

Small fruits at "each" price as quoted in Price List.

Our advice is to buy larger and better trees. The Stark method of packing makes safe freight delivery of trees in perfect condition throughout the United States, Canada, Mexico, New Zealand, Japan, China, Korea and all other tree planting countries of the world.



Trees to the left are the mail size before being packed. Ribbon shows where tops are cut off to make postal weight. Package in center is the actual mail order package. Trees to the right are larger size that we send by freight. Note perfect root system.

## For \$6.00 Cash With Order

(NET, without cash discount)

—we will send by mail, post paid, a carefully selected package containing the following selection of fruit trees and ornamental stock; guaranteeing safe delivery, complete satisfaction, and stock to be just what we say it is. This is in no way a catch-penny-scheme to dispose of worthless stock; neither is it a scheme to sell you unnamed, unlabeled, discarded back number sorts. This offer is backed by our reputation of 84 years of successful business with tree planters in all parts of the country and is an offer to sell good trees by mail, at an honest price, to those who are inconveniently, or far removed from railroad or express offices. We stand ready and willing to replace any of the stock free of cost in the event it fails to be exactly as we say it is.

—To make it possible to send this package through the mails the trees are naturally baby trees, but the root systems are perfect, the trees are young, healthy, vigorous ones, and will make strong growth.

—We condemn the practice followed by some nurserymen of making "bargain offers" to dispose of trash-pile stock which, in truth is not worth the paper it comes wrapped in. This offer is not one of that class.

—This is the list:

- 10 Delicious Apple—The highest quality apple known today.
- 10 King David—Ranking next to Delicious in quality.
- 1 Liveland Raspberry—A high quality apple—excellent.
- 1 Wilson June—Very large red apple. Big bearer.
- 1 Banana Apple—A beautiful fruit. Excellent quality.
- 1 Henry Clay Apple—Good early bearer. Excels Yellow Transparent
- 1 Eclipse Grape—Earliest black grape. Superb quality.
- 1 Banner " —Best brilliant red. Very productive.
- 1 Lutie " —A rich red, juicy grape. Flavor good.
- 1 Wilder " —A magnificent black grape. Good quality.
- 1 Red Cross Currant—Deep red, sweet, high quality. Productive.
- 1 Josselyn Gooseberry—Pale red, tender and juicy.
- 1 Burbank Rose—Cherry rose. Vigorous, healthy, fine bloomer.
- 1 Gruss An Teplitz Rose—"The Reddest of all Roses"—fragrant.
- 1 Clematis (Japanese Paniculata)—Hardy. Small white blossoms.
- 1 Hydrangea (Arborescens Grand.) Everblooming. White blossom.

—A home orchard is necessary to every family—here is a way opened to get a good fruit producing orchard on a small outlay. Order early direct to us or through our local salesman.

**Larger trees by freight, prepaid. Safe arrival**  
**and complete Satisfaction Guaranteed.**

**Stark Bro's N. & O. Co., Mail Order Dep't.**  
**Louisiana, Missouri.**



# A PLEASED CUSTOMER IS THE BEST ADVERTISEMENT

**Just What He Wanted.**—The carload of trees received. We wish to express our hearty appreciation for the fine trees sent us, they are all we expected—just what we wanted.—Collison & Symson, Washington Co., Okla.

**Fifty Years Ago.**—My father bought trees of your company 50 or 60 years ago, and I always buy from you. Have eaten apples from the old Delicious tree at Mr. Hiatt's, cannot say enough in their praise.—H. B. Cummings, Clarke Co., Iowa.

**Always Right.**—Send me your catalog. Have planted your trees in the past and have always found them right.—W. P. Dysart, Boone Co., Mo.

**Up-to-date Literature.**—Your fruit catalogs are up-to-date and are the most interesting, helpful and instructive to the orchardist of any I have ever seen.—Thos. Eaton, Allegheny Co., Pa.

**Never Lost One Out of 600.**—Two years ago I ordered of you 100 Black Ben, 100 Grimes Golden, 100 Stayman Winesap, 100 Mo. Pippin and 100 Jonathan; never lost a single tree; are as fine growth as I ever saw.—M. S. Hutchinson, Sedgwick Co., Kansas.

**A West Virginia Opinion.**—The carload of trees was received in good shape. The inspector who examined them stated that they were the finest lot he had seen shipped to this state.—South Branch Orchard Co., Marion Co., W. Va.

**Pleased With the Growth.**—Last spring I ordered 1,000 trees shipped to my son in Colorado. He and the state inspector were well pleased with the stock on arrival, and in a recent letter says he is more than pleased with the growth trees have made.—Jas. M. January, Clinton Co., O.

**Larger and Finer Than Others.**—Trees just received in fine condition. Was agreeably surprised to find your trees so much larger and finer than trees furnished by other nurseries.—H. W. Sutton, Ada Co., Idaho.

**Magnificent Root System.**—The shipment of 1-yr. apple consigned to Wm. Coleman delivered yesterday. They were pronounced by one and all to be the finest lot of trees ever shipped to this state; perfect in condition, free from disease and magnificent root system. It is a pleasure to deliver these trees.—J. K. Purcell, Brewster Co., Texas.

**Finest Growing Trees.** Trees bought of you several years ago are now bearing. They are the finest growing trees I ever saw.—J. P. Murphy, Buchanan Co., Va.

**True to Name.**—Trees bought from you several years ago have grown finely and all proved true to name.—Austin & Austin, Wayne Co., Iowa.

**Nothing But Praise.**—I was in the state of Washington last spring, around Wenatchee and the Okanogan country, and heard nothing but praise for your trees from those who are fruiting them.—Earl Elmore, Jay Co., Ind.

**Fine as Ever Came to the State.**—Am pleased with the trees you sent me. They are as fine a lot as ever came to this state. I will recommend your company.—C. Kocher, Okanogan Co., Wash.

**Wonderful Growth.**—We know you send out good trees. The Elberta bought of you in the spring of 1906 have made wonderful growth, and now measure from 12 to 15 inches in circumference. It is hard for a stranger to believe they are not older.—Robt. Gerry, Franklin Co., Wash.

**The Finest in This Section.**—Received the special prize at the meeting of the Virginia Horticultural Society for Black Ben, Champion and Delicious apples. Have a young orchard 8 years old—all Stark Trees—the finest anywhere in this section of the state.—Alfred Crouse, Henrico Co., Va.

**Best in the World.**—Delicious is the best apple in the world. You are doing a great good to mankind introducing such an apple.—John W. Reed, Marion Co., Ark.

**A Satisfied Californian.**—It is no wonder that you have such an immense business if you treat all of your customers as you have treated me. I am over 60 years old and have planted a great many fruit trees—240 acres in one place, and I have never seen such clean, perfect trees as you sent me.—Geo. C. St. Louis, Fresno Co., Calif.

**Opinion of An Expert.**—The trees are absolutely perfect stock; such as I wish all might have.—E. P. Powell, Author of "Orchard and Fruit Garden," Lake Co., Fla.

**Fresh as When Dug.**—Trees came out of the box as fresh root and branch as the day when they left the nursery row. It was the best bill of trees, condition and quality, that I ever saw.—Winfield Smith, Barber Co., Kans.

**A Square Deal.**—Am certainly well pleased with the trees; they are all right. You have given me a square deal and I am satisfied.—J. M. Burton, Hillsboro Co., N. H.

**Whole Root Trees.**—Trees received; they were clean and in first-class condition. The root system was the best I have ever seen.—S. B. Wright, Prest. Con. Abstract & Title Guarantee Co., San Bernardino Co., Calif.

**Finer Than All Others.**—Trees received in good condition; am highly pleased with everything. Your trees are finer than I have ever received from any other nursery.—F. W. Andrews, Chaves Co., N. M.

**Promptness and Fine Trees.**—I thank you for your promptness fine trees sent, and care in packing.—A. G. Julian, Barnstable Co., Mass.

**Ten Dollars Per Tree.**—The fruit from my Senator trees ten years old, brought me \$10.00 per tree this season. Grimes brought \$7.00 per tree.—J. O. Scannel, Wapello County, Iowa.

**True to Name—Always.**—Have set out many trees from your nursery in Colorado, and have always found them true to name.—E. F. Crow, Ada Co., Idaho.

**The Proof of the Pudding.**—Salesmen from small nurseries have been canvassing this territory, selling at all kinds of prices. I have bought of that kind of salesman and got all kinds of fruit except the kind I wanted. Trees bought of you bore last summer and were every one right.—Jno. Conrad, Hocking Co., O.

**An Idaho Opinion.**—I never was so well pleased with trees from any nursery as with the trees received from you. They were fine trees and in fine shape. I only regret I didn't get acquainted with you before.—S. G. Smith, Latah Co., Idaho.

**Better Than Local Trees.**—Have ordered a number of times from home nurseries, but trees just received from you surpassed them all—better trees and came in better shape. Shall recommend you.—Mrs. Gus Mabrey, Harding Co., Tex.

**The Final Test.**—Of the 400 trees bought of you six years ago, every tree is true to name.—H. Eitchell, Douglas Co., Wash.

**Lost One Out of 800.**—Trees bought of you last year doing fine; I only lost one out of 800.—Peter Christensen, Davis Co., Utah.

**Because They Are Grown Right.**—Your trees live better than any others sold here.—Rufus Morrison, Green Co., Tenn.

**The Kind We Send Everywhere.**—You sent a nice lot of trees; no nursery could do better.—Wm. T. Styles, Cook Co., Illinois.

**A Magnificent Lot.**—Trees have reached me and I have heeled them in. They are a magnificent lot.—Chas. H. Leffingwell, Ward Co., Tex.

**Satisfactory in Fruit.**—I have about 200 of your trees in bearing, entirely satisfactory.—W. H. Converse, Hamlin County, Tenn.

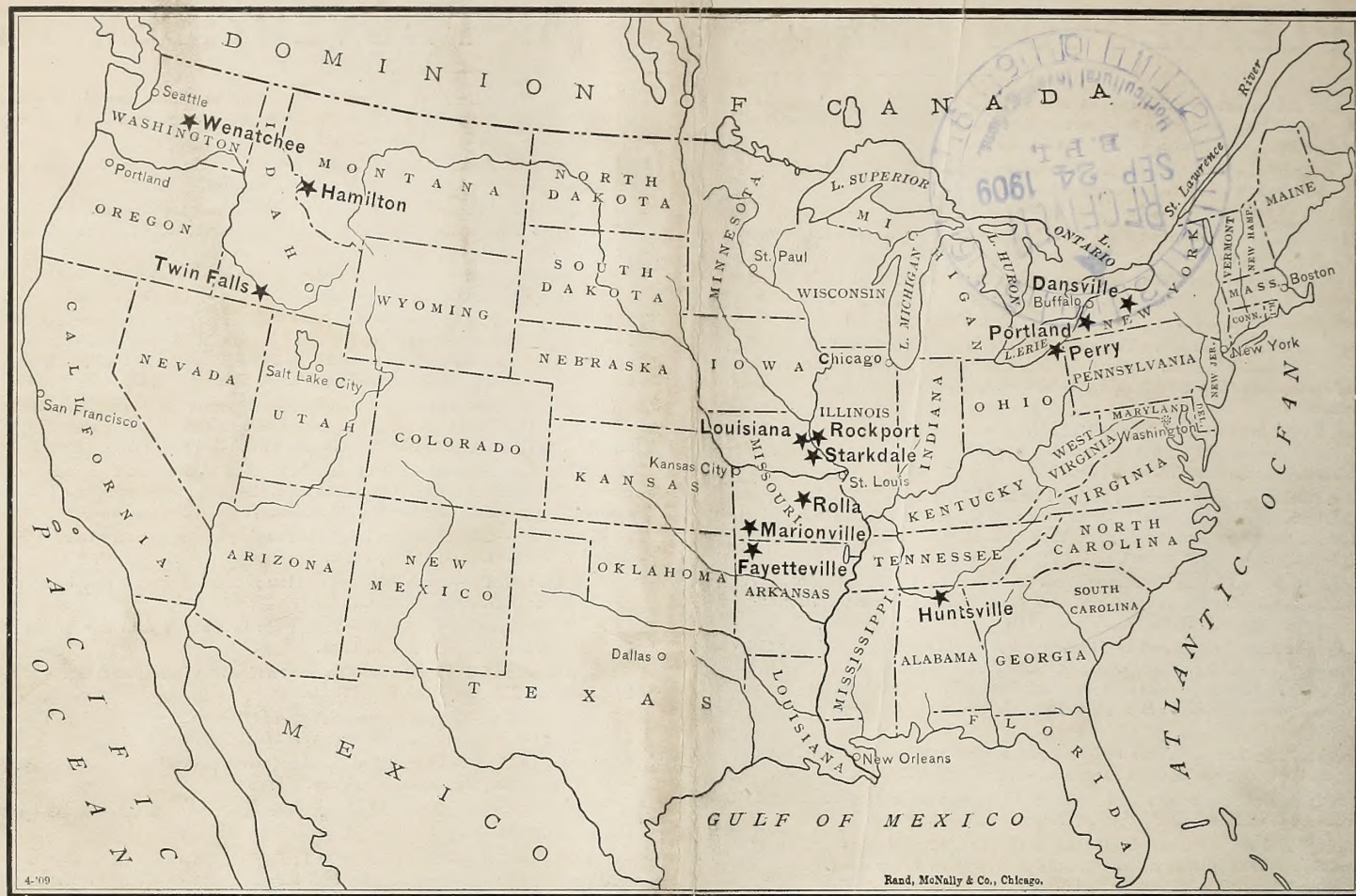
**The Best Ever.**—The best trees I have ever bought were from you.—J. L. Denbo, Rogers Co., Okla.

**One Bad Out of 2900.**—Your trees arrived today in good condition and were good stock, as only one was thrown out by fruit inspector out of 2900.—A. Havemeyer, Garfield Co., Colo.



Mont. King Cherry in Blossom





## WHERE STARK TREES ARE GROWN

In 12 branch nurseries, as well as at the home plants at Louisiana, Missouri, all Stark Trees are grown.

Experience, extending over a period of more than 3-4 of a century has conclusively proven to us that no one locality will produce **all** kind of trees to the height and perfection of their development, and, to be able to give our patrons perfect stock in all respects, we grow each kind in that section of the country which is best adapted to the production of perfect root and branch systems.

The stars in the above map will give the reader a comprehensive idea of the scope of the growing end of our business. These 13 plants are distributed over 9 states and represent the greatest industry of its kind in the world.

In the long run you will find Stark Trees are the only trees for you to plant. They are grown right, dug right, delivered right and are sold at fair prices by men who guarantee you complete satisfaction and who will always make the guaranty good.

The Stark Special Service department is at your service, whether you buy here or elsewhere.

When may we serve you?